X
102

Report on
Forest Admn.
in the Southern
Circle of the
Central
Prov.
1853-54

Sub-Forest
Admn.
Southern Circle

WEST BENGAL SECRETARIAT
LIBRARY

Thus the demand has shown a steady increase for years, and has as regards timber and fuel actually doubled within the past four years; and it would appear that the expansion has been as great as could reasonably be looked for, though it may not have been equally great in all the Divisions. If this be so, it would seem probable that the reason why the produce of the area that has been actually cut over cannot be disposed of is, not that the demand upon Government forests is decreasing owing to greater resort to malguzari forests, but that fellings were made without sufficient regard to the maximum possible demand. It is obvious that a provisional scheme, under which the greater part of the forest area is to be gone over in thirty years, would involve fellings over three times the area already set down for working, which in itself is eight times larger than the requirements of the people and the markets seem to justify, and would lead to results even more unsatisfactory than those which you deplore. You have already been asked, in the letter noted in the margin, to report upon the falling off in forest revenue of recent years; and in doing so you will doubtless examine the matter fully. But *primâ facie* the above figures would seem to render it doubtful whether there are sufficient grounds for concluding that the requirements of the people are not being fully met, or that malguzari lands are resorted to more now than in the past, or that the consumption of produce from Government forests would be stimulated by any further reduction of rates. The rates at present in force appear to be as low as it is necessary to make them. Private owners, whose lands are as a rule nearer to the consumer and who will sell at any price rather than not sell at all, must, so long as they have produce which they are free to dispose of, undersell Government, no matter how low the rates are fixed; and it seems to be hopeless to enter into competition with them. The rules for the control of malguzari forests ought also to be more thoroughly worked to prevent their wanton destruction.

No. 501-F, dated 10th May 1895.

5. The Government of India are glad to observe that, with few exceptions which have been noticed in your Resolution, the protection of the forests was satisfactory. There was a diminution in forest offences, especially in the Southern Circle, the figures of which now approach those of the Northern Circle. It would seem, from paragraph 46 of the report on the Southern Circle, that in the Bilaspur Division certain offences have been counted twice over. The area successfully protected from fire was, considering the unfavourable season, highly creditable to the officers of almost all Divisions. Paragraph 44 of the report on the Northern Circle would seem to indicate that the rules for the protection of malguzari forests are not always enforced as strictly as is desirable.

6. The outturn of the forests has been commented upon in paragraph 3 above as representing the general demand; but it may be further remarked that the increased outturn as compared with the previous year was entirely due to the larger amount of fuel disposed of in the Southern Circle, which, after compensating for the decrease in both timber and fuel in the Northern Circle and in timber in the Southern Circle, brings the yield in wood to the highest figure hitherto recorded. It is not known how the cubic contents of this fuel, said to be made up of dry sticks and branches made available at reduced rates, have been arrived at, or in how far such broken wood accounts for the increased outturn shown during the past three years.

The following is a detailed comparative statement for the two circles for the past two years:—

Agency by which removed.	Reserved Forests.					Unclassed Forests.					Total Outturn.				
	Timber.	Fuel.	Total wood.	Bamboos.	Minor produce.	Timber.	Fuel.	Total wood.	Bamboos.	Minor produce.	Timber.	Fuel.	Total wood.	Bamboos.	Minor produce.
	C. ft.	C. ft.	C. ft.	No.	Rs.	C. ft.	C. ft.	C. ft.	No.	Rs.	C. ft.	C. ft.	C. ft.	No.	Rs.
Government.															
Northern Circle ...	71,025	724,440	795,465	23,807	997	...	...	...	...	...	71,025	724,440	795,465	23,807	997
Southern Circle ...	373,123	2,227,415	2,600,538	100,625	4,342	...	...	...	...	...	373,123	2,227,415	2,600,538	100,625	4,342
Total ...	444,148	2,951,855	3,396,003	124,427	5,339	...	...	...	...	...	444,148	2,951,855	3,396,003	124,427	5,339
Purchasers.															
Northern Circle ...	279,977	3,065,945	3,345,922	8,712,374	52,660	...	...	...	...	...	279,977	3,065,945	3,345,922	8,712,374	52,660
Southern Circle ...	513,714	7,069,693	7,583,407	8,908,490	3,29,851	97,123	1,426,344	1,523,467	...	...	610,837	8,495,037	9,105,874	8,908,490	3,29,851
Total ...	793,691	10,134,638	10,928,329	17,620,864	3,82,511	97,123	1,426,344	1,523,467	...	...	890,814	11,560,982	12,451,796	17,620,864	3,82,511
Free Grantees.															
Northern Circle ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Southern Circle ...	4,625	1,547	6,172	...	85	...	...	...	...	...	4,625	1,547	6,172	...	85
Total ...	4,625	1,547	6,172	...	85	...	...	...	...	...	4,625	1,547	6,172	...	85
Total removed.															
Northern Circle ...	351,002	3,790,385	4,141,387	8,736,176	53,657	...	...	...	...	...	351,002	3,790,385	4,141,387	8,736,176	53,657
Southern Circle ...	891,462	9,297,655	10,189,117	9,009,115	3,34,278	97,123	1,426,344	1,523,467	...	...	988,585	10,723,999	11,712,584	9,009,115	3,34,278
Grand Total, 1893-94	1,242,464	13,088,040	14,330,504	17,745,291	3,87,935	97,123	1,426,344	1,523,467	...	...	1,339,587	14,514,384	15,853,971	17,745,291	*3,87,935
,, ,, 1892-93 (15 months)	...	...	...	...	...	...	...	...	...	...	2,288,311	10,363,578	12,651,889	22,249,528	*4,75,037
Difference in 1893-94	...	...	...	...	...	...	...	...	...	...	−948,724	+4,150,806	+3,202,082	−4,504,237	−87,102

* Exclusive of grazing fees for Northern Circle—

	Rs.
1893-94	2,38,971
1892-93	2,67,349

Circle.	Average outturn per square mile of forests.			
	Timber.	Fuel.	Bamboos.	Minor produce.
	C. ft.	C. ft.	No.	Rs.
Northern	35	376	867	5
Southern	100	1,085	911	34
Total 1893-94 ...	67	727	889	19
,, 1892-93 (15 months) ...	116	528	1,133	24
Difference in 1893-94 ...	−49	+199	−244	−5

Under "Minor produce" the grazing fees of the Northern Circle have been erroneously excluded, and this omission renders comparison with the figures of the Southern Circle, in which they are included, impossible.

7. A comparison of the financial results is given in the following statement :—

Year.	Circle.	Receipts.	Charges.	Surplus.	Proportion of surplus to gross revenue.
		Rs.	Rs.	Rs.	Per cent.
Forest Year	Northern	5,31,581	3,98,008	1,33,573	25
	Southern	5,61,037	4,44,102	1,16,935	21
	Total in 1893-94 ...	10,92,618	8,42,110	2,50,508	23
	" " 1892-93 ...	12,27,885	8,93,553	3 34,332	27
	Decrease in 1893-94 ...	1,35,267	51,443	83,824	— 4
Financial Year	Northern	5,34,958	4,96,865	38,093	7
	Southern	5,99,517	4,35,324	1,64,193	27
	Total in 1893-94 ...	11,34,475	9,32,189	2,02,286	17
	" " 1892-93 ...	12,30,850	8,51,400	3,79,450	31
	Difference in 1893-94	—96,375	+80,789	—1,77,164	—14
	Average for the five years ending 1892-93.	12,28,159	7,51,202	4,76,957	39

As the decrease in revenue is due to a reduction in rates and to a change in system, regarding the working of which in its financial aspect you have been separately addressed, the Government of India will await further information before commenting on the results of the past year.

8. The Governor-General in Council observes with satisfaction that Mr. Thompson, the Conservator of the Northern Circle, earned your thanks for his energy; and desires me to convey his acknowledgments of the interest which you take in the Forest Branch of your Administration.

No. $\frac{734}{60-2}$-F.

COPY forwarded to the Inspector General of Forests, for information and guidance, with special reference to the fourth clause in paragraph 2.

G. C. Press, Simla.—No. 258 R. & A. D — 15-7-95.—141.

BENGAL SECRETARIAT LIBRARY

Extract from the Proceedings of the Chief Commissioner, Central Provinces, in the Revenue Department,—No. 159, *dated the* 10*th January* 1895.

READ—

Letters from the Conservators of Forests, Southern and Northern Circles, submitting the Reports of Forest Administration in the Central Provinces for the year 1893-94.

RESOLUTION.

The total area administered by the Department during the year (10,076 square miles in the Northern Circle and 9,886 square miles in the Southern Circle) differs but little from the totals of the previous year.

2. The following table shows the classification of these forests at the close of the year under review as compared with that of the previous year.

Circles.	1st July 1893.				30th June 1894.			
	A. Forests under strict conservation.	B-I. Areas available for cultivation.	B-II. Undistributed area.	Total.	A.	B-I.	B-II.	Total.
Northern Circle ...	3,966	663	5,473	10,102	3,887	2,067	4,101	10,055
Southern do. ...	5,118	331	4,071	9,520	5,510	330	3,676	9,516

In the Northern Circle good progress has been made in the selection of the areas available for cultivation and of those which are to be permanently retained as forests. During the year 582 square miles have been finally transferred to the Class B-I., and the work in the two districts of Nimar and Narsinghpur is said to be completed.

Proposals for the transfer of a portion of the forests of Class B-II to the permanent forests of Class A are also in preparation.

In the Southern Circle the progress has been smaller. The only action taken has been the transfer to Class A of 392 square miles of the area classed as B-II, and the selection of the areas available for cultivation is still incomplete. In the Chanda Division, where the Pachmarhi Conference of 1891 reported that over 1,000 square miles would be available, no proposals were finally sanctioned during the year, though since its close the transfer of 445 square miles has been sanctioned, and further proposals are in preparation. Much still remains to be done, and the Chief Commissioner must insist on it that the Forest Divisional Officer shall lose no further time in completing this work.

No proposals at all have been received from the Seoni Division, and no explanation of the delay has been given by the Conservator in his Report, although in the Resolution on the working of the forests for the year 1891-92 the Chief Commissioner expressed a wish that the Conservator, Southern Circle, would see that no avoidable delay was allowed to occur.

3. Until this classification is completed, difficulties must always occur in the preparation of working-plans. The Forest Department cannot say for certain whether a given area will ultimately be retained as forest or will be selected for the extension of cultivation, and its operations remain undefined. To systematic and businesslike management it is essential that the areas shall be differentiated which are to be eventually made over to cultivation as settlers appear. The progress made since the orders of 1888 is disappointing, and the Chief Commissioner is not satisfied that the system laid down in Book Circular No. LV of 1888 is the best that can be devised. Proposals prepared by district officers seem to be passed backwards and forwards between the Commissioner of Settlements and Agriculture and the Conservators, who were declared members of the standing committee for the consideration of such proposals, and no final conclusions are arrived at without great delay and much correspondence.

Experience has shown that the procedure is too cumbrous. What is wanted for a decision in a matter of this sort is not a variety of opinion, but the sound information that comes from a careful examination of the ground. It has proved impossible for the Commissioner of Settlements, with his wide range of duties, to act as referee in local differences. The ground must, in the first place, be properly inspected by the Settlement Officer or Deputy Commissioner, as the case may be, along with the Forest Divisional Officer, and their joint report, with a specific statement of their differences, will be sent through the Conservator, for his remarks, to the Divisional Commissioner. That officer, after any further examination of the area, which difference of opinion may necessitate, will then finally submit the case for the Chief Commissioner's orders.

The imperious necessity of accelerating this stage in the preparation of proper plans is the confession of the Southern Conservator that in 6,273,972, acres of his Circle "unregulated fellings went on as usual."

4. Much progress has been made during the year in the demarcation of the forests, and, except in Chanda, where 320 miles have to be laid down, little remains to be done. The undemarcated boundary in Chanda includes that portion which lies along the zamindari border, where progress must necessarily be slow.

The preparation of boundary registers has also been pushed on, and the progress has been satisfactory in all divisions, except Betul, where the Commissioner reports that the work was carelessly done. Every effort should be made by the Forest Officer of that division to complete this work.

5. Forest survey operations were in progress during the year in Narsinghpur, Nagpur, Raipur and Balaghat, and the outturn of field-work was satisfactory. Pending the issue of the usual photo-zincographic prints of maps, ferrotype prints have been supplied for parts of Jubbulpore, Chanda, Raipur and Bhandara, but the more rapid production of these maps is a matter of the greatest urgency.

The Survey of India also carried on work in Betul and Nimar, and it is expected that the surveys of these districts will be completed this season.

6. In the Northern Circle the Conservator's report shows that the system of Provisional Working Circles, laid down in Chief Commissioner's Resolution No. 102, dated the 5th January 1893, has received attention, and that 317 circles

are now in existence. They cover an area of nearly 1,700,000 acres. The number of working-plan reports completed during the year was 36; the number of working circles now provided with regular plans is 80; and the areas covered by the plans aggregate 600,000 acres or 973 square miles. All this is good, but a vast deal remains to be done. Plans have still to be taken in hand for nearly 7,000 square miles, and the Chief Commissioner is confident that Mr. Thompson will relax no efforts to push on the work. It is not clear from the report of the Conservator, Southern Circle, how far effect has been given to this scheme in the Divisions of his Circle. From paragraphs 91 to 94 of his report it would appear that it is only in the Nagpur-Wardha Division and in Raipur that provisional working circles have been formed. The work is altogether inadequate. The Circle suffered from frequent change in the Conservatorship during the year, but now that Mr. McKee has taken charge the Chief Commissioner must ask him to regard it as a paramount duty that preliminary and provisional plans shall be prepared on the same lines as in the Northern Circle as rapidly as circumstances permit. The differentiation of the forests, of which mention has already been made, need not delay the undertaking, for in many districts the differentiation is complete. The Chief Commissioner will expect from him early and definite proposals as to the officers he will put in charge in the several districts, and the portions of the forests on which they will commence. The portions on which there is most demand will naturally be those on which they will begin. If we wait for the elaborate and systematic working-plans of the Forest Code the forests will not be under control in a quarter of a century. For methodical working, alike in the interests of the forests and of the people, it is essential that some lighter and more summary system should precede the more complex plan of the Code, and take the place of the haphazard habits which the Conservator calls unregulated fellings. If the coppice-forests, which form the great bulk of the provincial forests, are to be improved, the fellings must be regulated; and the experience of last year has shown that schemes of regulation can be prepared with great rapidity and usefulness wherever they are taken energetically in hand. It was anticipated last year by the Northern Conservator that with definite and sufficiently numerous compartments it might ultimately be possible to allow villagers to buy up in bulk their annual forest requirements, and thus, practically, to bring in again commutation in a form which, while welcome to the people, would be unobjectionable from a forest point of view. That hope has not yet been realized. The Chief Commissioner nevertheless does not abandon it. He still believes that that system is more in harmony with the habits and feelings of the people than any other method of levying forest revenue, and he still hopes that, in some parts at least, with modifications which are under discussion, it may be brought into play.

7. One result of the year's experience of compartment felling is that the provincial rates for timber of the smaller kinds is *primâ facie* too high. The frank reports of the Southern Conservator in this matter are melancholy reading. "In the Balaghat Division the demand at present represents only a small part of the annual supply, and much of the material obtained from departmental fellings remained undisposed of at the end of the year: In the Bilaspur Division the produce remained unsold; the only reason assigned is that the villagers in spite of low rates did not take to the new mode of sales, to which they are as yet unaccustomed. In Chanda it was soon apparent that to work the fixed annual areas departmentally would be a mistake, so cutting was stopped,

there being scarcely any demand on them in consequence of the abundant supplies obtainable from malguzari forests. In Chhindwara it was not found practicable to carry out the proposals for improvement fellings. In Sambalpur the material obtained from the departmental cutting was not disposed of during the year owing to the lower rates prevailing in malguzari forests."

8. In the Northern Circle "in Jubbulpore an area of 5,877 acres was proposed to have been worked, but it was not taken in hand because of excessive cuttings then going on in the malguzari forests which would have interfered with sales. In the Kalpi Circle only 345 acres were cut over, resulting in 442 cart-loads of fuel, of which 130 cart-loads were removed and 312 cart-loads still remained in the forest at the end of the year." Later on the Conservator remarks: "Now that the working of the forests under organized plans is beginning to be better understood by the people, the forest receipts are bound to rise, while those from malguzari forests are as certain to fall. At the present rate of cutting these private forests are not likely to last a very much longer time." The Southern Conservator similarly notes that "the demand on Government forests was less, while it is said to have increased considerably in private forests, which in some districts are being slowly destroyed," a matter, as he truly says, for grave consideration.

9. From these results, the conclusion appears to be irresistible that the people go to the private forests because they get what they want there at cheaper rates and on easier terms; and if the private forests are to be preserved, the only effectual measure to that end is to make our own rates and terms at least as easy as those of private owners. If our terms must be more difficult, because our fellings are regulated and theirs are not, then we must make our rates cheaper than theirs. It is true that the Deputy Commissioner has authority to check excessive cuttings in private forests, but the cuttings are rarely so rapid and wholesale as to attract attention, and it is clear that any extensive use of this authority would compel the people to obtain their necessary supplies from the State forests at a larger cost.

10. These common wants of the people it is our duty, under the recent orders of the Government of India, to supply to them at the lowest practicable cost. It is an advantage to the coppice-forests, which constitute so large a proportion of the area, that they should be worked over periodically and systematically, and it is useless having working-plans which it is impossible to carry through. "The State," says Mr. Thompson, "cannot do better than work its forests by conforming with the existing demands for forest produce. We have heard a great deal lately about letting our forests grow up into larger wood not meant to supply any present demand, because none exists, but to meet, if any, the demands of the future. There is no objection to this policy being carried out provided existing arrangements adequately provide for the present wants of the people, who require small wood to build their houses with, also wood for agricultural purposes and fuel. These wants supplied, there can be no objection to the more important forests capable of growing heavy timber being managed with a view to the production of trees of large size to meet the future requirements of the country." With all this the Chief Commissioner thoroughly agrees; but the disclosures of the experiments under the new system open to question whether our present dispositions are in harmony with the general design. The rates for produce were carefully considered a couple of years ago; in the light of the experience, which is now on record, it seems to the Chief

Commissioner to be clear that they were not sufficiently lowered. Those rates will, therefore, in the current year be taken as maximum rates, and each Divisional Officer is authorized to sell, with his Conservator's permission, forest-produce of all sorts at such lower rates as may be found necessary to clear his compartments and work his forest on his provisional plan. The Chief Commissioner does not apprehend that the forest revenues will be in the least reduced, for it is evident that large sales at low rates will be better for the department than the stagnant sales of last year on the current terms.

There are other important questions affecting the convenience of the people in the system of compartment felling, which, although they have no place in the report of either Conservator, are matter of present experiment. How far these experiments will help forward the method of commutation is not yet clear.

11. With regard to the preparation of regular working-plans, in accordance with paragraph 87 of the Forest Code, it is satisfactory to note the great progress made in both Circles in spite of the few officers available for the work. The plan mentioned in paragraph 6 of Chief Commissioner's Resolution on the working of the forests for 1892-93, by which a Working-Plans Assistant would be posted to each division, has been tried with success, and in all the districts of the Province working-plans are now in course of preparation, while for several ranges they have been completed.

12. Turning now to the actual working of the department during the year, the following statement gives the details of the forest offences reported during the year under review and in the previous year, and also shows the mode in which they were disposed of :—

		1892 93	1893-94
Northern Circle ...	Reported and detected	2,831	2,018
	Prosecuted	162	122
	Per cent. convicted	78	80
	Cases compounded under Section 67 ..	2,614	1,923
Southern Circle ..	Reported and detected	5,715	2,373
	Prosecuted	173	79
	Per cent. convicted	73	72
	Cases compounded under Section 67 ...	5,067	2,219

Taking all divisions together there has been a satisfactory decrease in the offences reported and detected in both Circles, but any detailed comparison of the figures is impossible, as they relate to periods of different lengths.

The decrease is general to all classes of offences, and it is especially gratifying to note the marked diminution in those connected with grazing. In the Northern Circle there were only 731 such offences as against 922 last year; while in the Southern Circle the decrease has been still more pronounced, the figures being in 1892-93, 1,678, and in 1893-94, 756.

Looking at the figures for each division separately, the Chief Commissioner notices with some surprise the large differences returned for different divisions.

Complaints were made against over 1,000 persons—Bhandara (1,349), Seoni (1,254), Mandla (1,091) and Saugor (1,915), while the number of persons acquitted in those divisions is comparatively low.

Mere difference of local conditions is hardly sufficient to account for the large number of offenders in these districts, and Mr. Woodburn fears that sufficient attention has not been paid to his remarks in last year's Resolution regarding the inadvisability of inflicting continued punishments for petty offences. He would be glad to have an explanation in next year's Forest Reports of the special causes operating in these divisions.

13. Turning to the figures of cases compounded during the year, the Chief Commissioner notes with satisfaction that there has now ceased to be a marked difference between the figures of the two Circles, and that those for the Southern Circle are now more in accord with the returns of the Northern Circle. This is ascribed by the Conservator, Southern Circle, to greater care and judgment exercised in compounding forest offences, as also to increased watchfulness on the part of forest subordinates over the removal of forest-produce. In both Circles the average compensation recovered per person has risen, when compared with the figures of last year, but the increase is only marked in the Southern Circle, where this year Re. 1-12-2 was levied per head against Re. 0-8-0 in 1892-93. The total number of cases prosecuted is only 152, or less than half of the number in 1892-93.

14. The areas under special fire protection in each Circle and the measure of success obtained, are contrasted in the following statement with the figures of the previous year :—

Circle.	Area under protection.		Area successfully protected.		Percentage of area successfully protected to area attempted.		Total cost of special protection.	
	1892-93.	1893-94.	1892-93.	1893-94.	1892-93.	1893-94	1892-93.	1893-94.
	Sq. miles.	Sq. miles.	Sq. miles.	Sq. miles.			Rs.	Rs.
Northern Circle ...	3,559	4,087	3,550	3,693	100	95	20,952	23,168
Southern Circle ...	2,075	2,249	2,054	2,090	99	93	28,786	31,508
Total ..	5,634	6,336	5,604	5,983	99	94	49,738	54,676

The area protected in both Circles was larger than last year, but the operations met with less success, as the year under report was unfavourable, there having been no general rains from December 1893 to June 1894.

The incidence of cost per square mile in the Northern Circle is Rs. 5-15-3, or but little above the figures for last year. In the Hoshangabad Division the results are especially noteworthy, as 99·7 per cent. of the area was successfully protected at a cost of Rs. 3-2-11 per square mile. The Conservator remarks that the people there have been taught not to light fires, or if they do happen to light forest fires, to put them out before they spread. This happens to be the result of the forest officer's special influence with his people. What one forest officer achieves another can do, if he sets about it in the right way; and the officers of the department must not conceal it from themselves that the occurrence of numerous and widespread fires is *primâ facie* evidence of bad and unsympathetic or careless management.

In the Southern Circle the average cost per square mile has risen from Rs. 14-0-3 to Rs. 15-1-2. Last year the Chief Commissioner drew attention to the difference in the relative cost of fire protection in the Southern Circle, and especially in the Districts of Chanda, Raipur, Sambalpur and Chhindwara, and asked that a careful statement of the reasons might be given in this report. He regrets that the Conservator has not complied with this direction, the more so as the figures for each district are again marked by such differences. The results in the Raipur District are extraordinarily bad, for fire protection failed in as much as 55·49 per cent. of the total area in which protection was attempted, though the average cost was as high as Rs. 41-12-9 per square mile. The Chief Commissioner cannot accept the unusual dryness of the season as a sufficient explanation, and has ordered the Conservator to institute special enquiries into the system and cost of fire protection in this district, and the conduct of the Divisional Officer. So exceptional a miscarriage should not have been passed over without special notice and explanation in the body of his report.

In Wardha, Sambalpur and Chanda the average cost per square mile is also high, even when compared with the average cost for the whole Southern Circle, and the Chief Commissioner would be glad if the Conservator would examine the operations of the year, and see if the expenditure cannot be reduced, without increasing the risk of fire.

15. The following table shows the number of animals grazed in the period under review and in the preceding year, and the receipts from this source—*vide* Annual Form No. 55 :—

Circles.	Animals.			Grazing receipts.		
	1892 93.	1893 94	Difference.	1892-93	1893-94	Difference.
	No.	No.	No.	Rs.	Rs.	Rs.
Northern Circle ..	1,355,995	1,245,189	—110,806	2,67,349	2,38,971	—28,378
Southern do. ..	1,685,926	1,398,773	—287,153	2,48,817	1,93,145	—55,672
Total ..	3,041,921	2,643,926	—397,959	5,16,166	4,32,116	—84,050

There has thus been a decrease in both Circles of the number of animals grazed and in the receipts. This is no doubt mainly due to the fact that the figures for 1892-93 refer to a period of 15 months, while those of the present year only include details for 12 months. Even allowing for this there appears to have been some falling off in the number of cattle grazed, especially in the Southern Circle. This is said to be due to the prevalence of cattle disease, and to the fact that full effect has been given to the Administration's orders that a grazing license at the nomad rates is valid in all districts of the Province. The suspension of the levy of fees in the Saugor and Damoh Districts, and also for three months in the Chanda District, owing to the failure of the crops, has also aided in causing the decrease.

16. The operations for the improvement of forest growth during the year consist chiefly of the cutting out of destructive climbers.

More has been done to this end in both Circles than last year, but the expenditure on this account in the Balaghat District is remarkable, for 76,857 creepers were cut at a cost of Rs. 6,578, while in the Chanda District 177,740 were removed at a cost of Rs. 288-13-5. Some improvement fellings were made in both Circles, and unregulated fellings were still further restricted.

Pending the introduction of regular working-plans, any attempts at the improvement of forest growths must be more or less spasmodic.

The Chief Commissioner is surprised to see that the collection of minor produce, especially myrabolan, is so generally carried on departmentally. It appears to him that this is essentially a part of the forest work, in which contract was preferable, and from which the inadequate establishment could then be spared for more important work.

17. The expenditure on communications and buildings decreased from Rs. 23,552 to Rs. 14,380. Most of this was incurred in providing quarters for the field staff, and in digging wells; but 110½ miles of new roads were built during the year, and old roads repaired.

In neither Circle was the annual plan of operations under this head fully worked up to, but the Northern Circle reports that contractors have now been secured to carry out the works. The importance of rendering the forests easily accessible to the dwellers in the open country cannot be exaggerated. The Chief Commissioner hopes that further progress will be made in the opening out of the forests by the construction of roads.

18. In the following table the financial results are compared with those in the previous year:—

	1892 93	1893 94.
Receipts.	Rs.	Rs.
Northern Circle	7,07,037	5,31,581
Southern do.	7,41,471	5,61,037
Total ...	14,48,508	10,92,618
Expenditure.		
Northern Circle	4,80,991	3,98,008
Southern do.	4,98,599	4,44,102
Total ...	9,79,590	8,42,110
Surplus.		
Northern Circle	2,26,046	1,33,573
Southern do.	2,42,872	1,16,935
Total ...	4,68,918	2,50,508

As the periods in the two successive years are of different lengths, no real comparison is possible, and for purposes of criticism reference must be made to the detailed figures given in the Conservators' reports.

The following figures show the receipts of the two Circles for the financial years 1892-93 and 1893-94.

			1892 93. Rs.	1893 94. Rs.
Northern Circle	...	...	6,19,783	5,84,958
Southern do.	...	...	6,10,981	5,99,516

In both Circles receipts have diminished, and the Conservators agree in thinking that the reduction in rates and the action of malguzars in selling produce from their forests in large quantities have partly led to this result.

The Conservator, Northern Circle, also suggests as probable causes the fact that the prohibition of unregulated and indiscriminate fellings may have induced would-be purchasers to go elsewhere for the produce that they required, and that the transfer of large forest areas for ryotwari settlement and the consequent free use of nistar and grazing to the ryotwari settlers may have diminished the receipts in Hoshangabad and Nimar.

The Conservator, Southern Circle, also points out that the fact that the timber and fuel cut departmentally was unseasoned rendered it less acceptable to the public.

The Chief Commissioner accepts these explanations of the fall in the receipts, as far as they go, but, as he has already stated, the facts on the record convince him that a reconsideration of the forest rates is required, if the needs of the people are to be properly met and the produce of the forests freely taken. The receipts and prospects of the forests, he believes, will be simultaneously improved.

The figures under expenditure are fully explained in the reports, and do not call for any detailed comment.

19. Both Conservators again point out the continued inadequacy of the establishments for the charges under their control. The Chief Commissioner is fully aware of the necessity of increasing the executive staff and raising the pay, and it is hoped that it will be possible to draw up a satisfactory scheme during the ensuing year. The system of levying forest revenue by stamps is said to have worked fairly smoothly throughout the year, and the Chief Commissioner has recently had under his consideration a draft of rules for the guidance of licensed vendors which, by relieving them of the duty of classifying the revenue and maintaining an elaborate system of account, will help to put the post of forest stamp vendor in better favour, and enable the department to obtain the services of vendors more readily. What the system lacks at present, in the judgment of the Officiating Conservator of the Southern Circle, is the ability to maintain honest vendors at every place where a demand by agriculturists for forest-produce exists.

20. The scheme for the introduction of tussar silk cultivation is noticed shortly by both Conservators. The results hitherto have not been promising, except in the Chanda District; but, as the Conservator, Southern Circle, points out, it is clear that success is possible, and that if the industry could be made a village affair it would be a boon to many cultivators, without in any way interfering with their regular occupation.

21. The Chief Commissioner thanks Mr .Thompson for the untiring energy he has shown in carrying out, in his Circle, the scheme of provisional working-

plans, and all the officers named by both Conservators, for the services they have rendered during the year.

ORDER.—Ordered, that a copy of this Resolution (with the usual number of spare copies), be submitted to the Government of India, in the Revenue and Agricultural Department, and that a copy be forwarded to the Conservators of Forests, Southern and Northern Circles, for information and guidance ; also that it be published in the Supplement to the *Central Provinces Gazette*, and that copies, bound with the report, be distributed as usual.

[True Extract.]

H. A. CRUMP,

Second Secretary.

Secretariat Press, Nagpur :—11-1-95—300.

No. B.-184 of 1894-95.

FROM

G. G. MINNIKEN, ESQ.,

OFFG. CONSERVATOR OF FORESTS, SOUTHERN CIRCLE,

Central Provinces,

To

THE CHIEF SECRETARY TO THE CHIEF COMMISSIONER,

Central Provinces.

Dated, Nagpur, the 13th October 1894.

SIR,

With reference to the concluding portion of your letter No. 1918, dated the 19th April 1894, I have the honour to forward, herewith, in print, the Forest Administration Report of this Circle for the year 1893-94 ending with July 1894.

I have the honour to be,

Sir,

Your most obedient Servant,

G. G. MINNIKEN,

Offg. Conservator of Forests, Southern Circle,

Central Provinces.

TABLE OF CONTENTS.

	Paras.
Introduction	1 to 8

CHAPTER I.

Extension and constitution of State Forests—	
(i) Alteration of areas	9 to 16
(ii) Forest Settlements	17
(iii) Demarcation	18 to 20
(iv) Surveys	21 to 25

CHAPTER II.

Management of State Forests—	
I.—Regulation of management—	
(a) Working-Plans and their control	26 to 38
(b) Annual plans of operations	39
II.—Working of the year—	
(a) Communications and buildings	40 to 43
(b) Protection of Forests from injury—	
(1) General protection and breaches of Forest Law ...	44 to 53
(2) Protection from fire	54 to 60
(3) Regulation of grazing and protection from cattle ..	61 & 62
(c) Improvement of forest growth—	
(1) Natural reproduction	63 to 66
(2) Artificial reproduction	67 to 76
(3) Early thinnings	77
(4) Other operations for the improvement of the growing stock	78 & 79
(5) Experiments	80 to 82
(d) Exploitation of major Forest produce—	
(1) Clear or regeneration fellings	83
(2) Selection fellings	84
(3) Improvement fellings	85
(4) Coppice fellings	86 to 90
(5) Unregulated fellings	91 to 94
(e) Extraction and transport of major Forest produce by land and water	95 to 104
(f) Exploitation of minor Forest produce	105 to 113
(1) Extraction of fodder	114 to 122
(2) Grazing	123 & 124
(3) Miscellaneous produce	125

CHAPTER III.

Gross yield and outturn of Forest produce	126 to 133

CHAPTER IV.

Financial results	134 to 146

CHAPTER V.

Forest Administration	147 to 159
General Remarks	160 to 168

BENGAL SECRETARIAT LIBRARY

REPORT

ON

FOREST ADMINISTRATION

IN THE

SOUTHERN CIRCLE

OF THE

CENTRAL PROVINCES,

FOR THE YEAR 1893-94

BY

G. G. MINNIKEN, Esq.,

Offg. Conservator of Forests, Southern Circle.

Introduction.

The most important facts relating to the work of the past year may be summarised as follows:—

2. Marked progress was made in Forest surveys; in the collection of working plans data and the preparation of coppice working circles; in the preparation of boundary registers for 12,435 miles of Forest boundaries and in the completion of demarcation.

3. There was a decrease in the number of Forest offence cases reported, as compared with the previous year.

4. The area under systematic fire protection was increased by 111,311 acres, making a total of 1,439,327 acres, of which 93·14 per cent. were successfully protected. Forest areas, not specially protected, escaped fire to the extent of 75·16 per cent. against 66·14 in the previous year.

5. Departmental exploitations on the system of coppice, with standards, were extended to 10,554 acres. In the other areas, which are approximately 6,273,972 acres, unregulated fellings went on as usual.

6. The demand on Government Forest was less, while it is said to have increased considerably in Malguzari forests, which in some Districts are slowly being destroyed, but at present, without definite knowledge of the direct or indirect value of this Forest property or its relation to the physical conditions of the country, it is impossible to say what harm is really being done. The matter, however, is one for grave consideration.

7. The Revenue of the Forest year dropped from Rs. 7,41,471 to Rs. 5,61,037, the cause of which is explained in paragraphs 135 to 140.

8. It may be mentioned, in conclusion, that, as the Officiating Conservator did not join the Circle until after the end of the year, this report is necessarily confined to mere statements of bare facts, a more exhaustive record of the Forest Administration, not being possible.

CHAPTER I.

Extension and Constitution of State Forests.

(i).—*Alteration of Area.*

9. The changes in the area of the State Forests that have taken place during the past year are given in detail in Form No. 46. The following abstract statement shows the net result of these changes under each of the main heads under which the forests are classed :—

	Area on the 30th June 1893.	Area on the 30th June 1894.	Difference.	
			More.	Less.
	Acres.	Acres.	Acres.	Acres.
Reserved Forest, Class A	3,275,281	3,526,504	251,223	...
" " Class B ...	2,605,557	2,352,625	...	252,932
" " Class B-I ...	211,393	211,403	10	...
Unclassed State Forests ...	236,934	236,734	...	200
Total ...	6,329,165	6,327,266	...	1,899

10. The particulars of the changes by Divisions are as below :—

Balaghat—129 acres, excluded from the Man Reserve and disforested, were given, by the Chief Commissioner's Notification No. 2705, dated the 12th June 1894, to Bassora Bhoi for cultivation on the Ryotwari system.

Bhandara—400 acres, excluded from the Wakal Reserve by disforestation under the Chief Commissioner's Notification No. 2145, dated the 3rd May 1894, were made over to the Malguzar of Deori by way of compensation, as it was discovered from a recent survey that he was in possession of less land than he was entitled to.

463 acres of the Mandokal Reserve, hitherto included in Form No. 46 by mistake, were excluded, disforested and made over to the Malguzar of Mandokal as being the rightful owner—*vide* Revenue Secretary to the Chief Commissioner's letter No. 1709, dated the 7th April 1894.

Chanda—450 acres of the Janola Forest were excluded and disforested to provide nistars for the adjacent village of Janola.

The following areas were transferred to the Public Works Department :—

Moharli Range—124 acres for roads.
Haveli Range—158 acres for roads and 22 for quarries.
Gunjewahi Range—50 acres for quarries.

Haveli Range, Erur Block—1,734 acres, hitherto included in Class A, have now been added to the unclassed forest.

11. Good progress was made in the Chanda Forest Division in the selection in connection with a general excision scheme of areas to be made available for the extension of cultivation. Since the close of the year the Local Government has sanctioned the transfer of 245 square miles of the forest area—*vide* the Chief Commissioner's Resolution No. 3818, dated the 23rd August 1894—to Class B-I,

and in connection with this the Forest Divisional Officer reports that 36 square miles from the Wyragarh Range and 30 from the Ghot Range have already been selected for excision, and that he hopes to complete the further work of selection during the current open season. Mr. Lowrie expects that 400 square miles more will be added on to the area now given over to the Revenue authorities, and remarks that owing to local conditions and circumstances he finds it a difficult task to get people to take up land for cultivation.

12. *Nagpur*—28 acres of the Umri Block and 62 acres of the Chicknapur Block, both in the East Pench Range, were excluded and disforested as they had been continuously under cultivation for many years past; 1,934 acres of the Junawani Block were declared Reserved Forests and transferred from Unclassed to Class A.

13. As the forests of the Wardha Forest Division lying in the south-east corner, which contain an aggregate area of 10,731 acres, adjoin the Nagpur forests in the Umrer Range, they were, for administrative convenience, transferred to the Nagpur Forest Division and added to the Umrer Range—*vide* Revenue Secretary to the Chief Commissioner's letter No. 3038, dated the 30th June 1893.

14. In the Raipur Forest Division, though no changes in the area of the forests took place during the year, proposals were received from the Forest Divisional Officer for the transfer from Class B to Class A of 98½ square miles of forests, which is now sanctioned—*vide* Revenue Secretary to the Chief Commissioner's letter No. 3190, dated the 19th July 1894.

15. All the forests in the Sambalpur Forest Division were transferred to Class A—*vide* Revenue Secretary to the Chief Commissioner's letter No. 2391, dated the 19th May 1894. The case is now under disposal and a draft notification in connection therewith will shortly issue. Thirteen acres of the Daichna Forest in the Barapahar Range were disforested and made over to the Gaontia of Bugbaji for the construction of a tank.

A plot of land—8¼ acres—of the Jharghatti Forest, being valuable agricultural land, was disforested and given over to the Gaontia of Kilasama in exchange for an equal area of his village forest, which latter was afforested and added to the Lammal Junan Forest.

16. The Rumli Forest, with an area of 681 acres, hitherto wrongly shown in the Korai Range of the Seoni Division, has now been correctly shown in the Gangeynala Range; 18 acres of the Oolut Beheyre Forest were transferred from Class A to Class B-I, and handed over to the Public Works Department for improvement of the road between Seoni and Balaghat—*vide* Revenue Secretary to the Chief Commissioner's letter No. 4326, dated the 13th September 1893, to the Conservator of Forests, Northern Circle.

(ii).—*Forest Settlements.*

17. It will be seen from Form No. 47 that the 15 blocks aggregating 23 square miles in the Chanda Division, shown in the previous return as undergoing settlement, have not been settled during the year.

The Surgaon Block, with an area of 332 acres, is under settlement, but this has not been returned in Form No. 47, it being less than one square mile. Three square miles of forests in the Nagpur Forest Division were finally settled during the year and included in the Chorbowli Forest of the East Pench Range.

No expenditure was incurred on account of forest settlements.

(iii).—*Demarcation.*

18. The work done under the head "Demarcation" is recorded in Form No. 48, and it will be seen that a sum of Rs. 2,777 has been incurred on this account during the past year. The 155 miles of boundaries shown in the Chanda Forest Division as demarcated during the year at a cost of Rs. 96, are not new boundaries but existing boundaries not properly defined before; 320 miles have still got to be demarcated in the Wyragarh, Ghote, Cherla and Sironcha Ranges which chiefly lie along the zamindari and malguzari borders.

19. Of the total length of artificially defined boundaries 9,802 miles are shown as maintained at a cost of Rs. 2,195. The boundaries of the fire-protected areas were fully maintained while clearing lines for securing fire-protection, the charges on which account are debited to head A-VIII-F.

20. It is satisfactory to note that considerable progress has been made in the preparation of boundary registers for the forests in the Nagpur, Wardha, Balaghat, Chanda and Sambalpur Forest Divisions.

(iv).—*Surveys.*

21. The expenditure on account of surveys carried on by the Survey parties engaged in this circle during the past year amounted to Rs. 32,539.

22. The details of the work done by the Forest Survey parties are given in the following copy of a note furnished by Mr. Reynolds, the Superintendent of Forest Surveys :—

"During the field season of 1893-94 or between the 1st October 1893 and the 30th June 1894, survey operations by the Imperial Forest Survey Branch under the direction of Mr. W. H. Reynolds, Superintendent of Forest Surveys, were carried on in the Districts of Raipur, Balaghat, Nagpur and Seoni.

"The detachments took the field towards the end of November and closed work by the end of June.

"The detachments were under the charge of the following officers :—

Nagpur	...	Mr. E. Litchfield.
Raipur	...	Mr. J. Martin.
Balaghat	...	Mr. C. Litchfield.

"The triangulation of Seoni, Balaghat and Nagpur was carried on by Mr J. H. Nichol and part of the Nagpur triangulation was done by Mr. E. Litchfield.

"The areas topographically surveyed were as follows :—

		4" Scale. *Sq. Miles.*	16" Scale. *Sq. Miles.*
Raipur	...	145	20
Balaghat	...	166	18
Nagpur	...	148	26
Total	...	459	64
GRAND TOTAL	...	523	

"Triangulation—

		Sq. Miles.
Balaghat	...	356
Nagpur	...	542
Seoni	...	530
Total	...	1,428

"In Raipur 52 linear miles of levelling were carried through the work to determine the contour of the country where there was insufficient triangulation.

"For all areas surveyed on the 4-inch scale a record of forest distribution and classification of soils was prepared, and 20 linear miles of check surveys were run throughout the areas surveyed; the work stood the tests that were applied.

"As the survey year does not close until the 30th September it is not possible to give the cost rates of the work for the period referred to (1st October to 30th June) as the mapping and computation charges for the survey year will have to be added before these rates can be deduced.

"The cost rates for the survey year ending the 30th September 1893 were as follows :—

				Rs.	
Raipur	District,	4″ and 16″ scales,	...	48·5	per sq. mile.
Bhandara	"	"	" ...	53·9	"
Balaghat	"	"	" ...	49·6	"

"Owing to there having been a pressure of work in the Photozincographic Office it was not possible to publish the usual photozincographic prints of maps, but for the immediate requirements of the Forest Department cheap ferrotype prints were struck off and the following maps were issued :—

Chanda	...	6 sheets.
Raipur	...	14 "
Bhandara	...	13 "

23. It will be seen from Form No. 49 that the progress made in professional surveys has been as follows :—

Boundary Surveys, scale 16″ = 1 mile—

		Sq. Miles.
Surveyed in previous years	...	238
" during the year	...	64
Total	...	302

With interior details, scale 4″ = 1 mile—

		Sq. Miles.
Surveyed in previous years	...	1,593
" during the year	...	459
Total	...	2,052

The total expenditure of the Imperial Forest Survey Branch up to the 30th June 1894 has amounted to Rs. 1,25,199, of which Rs. 32,539 represents the expenditure of the year.

24. As remarked in paragraph 16 of this circle report for the year 1892-93, opposite the Bhandara Forest Division, there is a discrepancy between the figures of columns 2 and 27, and the Superintendent of Forest Surveys points out that the figures of column 2, *viz.*, 515 square miles, are subject to correction on publication of the Bhandara maps.

25. In the Sambalpur Division there are certain unsurveyed portions of the forest boundaries which it was intended should be surveyed during the year, in view to the completion of the existing maps required to compute the correct areas for which working-plans were being prepared, but the local Forest Survey party left this important work untouched. A further representation on the subject will shortly be made.

CHAPTER II.

MANAGEMENT OF STATE FORESTS.

I.—Regulation of Management.

(a).—*Working-Plans and their Control.*

26. The progress made in the preparation of working-plans and in collection of data for them has been notable, though not so rapid as would be possible, had the Department a trained staff at its disposal for the purpose.

27. As a matter of fact, the work accomplished in this particular branch has been done by Forest Divisional Officers and their establishments, in addition to the ordinary work of their Divisions.

28. As indicated in last year's report, the want of correct boundary and topographical maps has been a drawback. Up to date, the Imperial Forest Survey, which has been six years at work in this Circle, has issued only 16 sheets of Bhandara, 6 of Chanda and 14 of Raipur. The consideration of questions of grazing and the localization of cuttings, both in the interest of Government and agriculturists, has also tended in a measure to protract the work. Divisional Forest Officers are now, however, taking a lively interest in the matter, and Mr. Hill's notes have thrown light on some knotty points, so it is expected that during the current year a large amount of work will result.

29. A short account of the reported progress is herewith given by Divisions.

Nagpur-Wardha.

In the Nagpur-Wardha Division, working-plans for the East and West Pench Ranges and for the Umrer Range were completed, and a preliminary working-plan for the Arvi Range was also drawn up.

Seoni

In the Seoni Division, a preliminary working-plan for the Amagarh-Pakhara Forest was drawn up by Mr. Linnell, Working-Plans Assistant.

Bhandara.

In the Bhandara Division, Mr. McLeod, Working-Plans Assistant, drew up preliminary reports of working-plans for the Paoni, Pertabgarh, Bawanthari and Lakhni Ranges.

Chanda.

In the Chanda Division, a preliminary working-plan was completed for the Salori Working Circle, Warora Range.

Sambalpur.

In the Sambalpur Division, a preliminary working-plan of the Barapahar Range was received, and will now go to the Inspector General of Forests for approval.

Balaghat.

The Divisional Forest Officer has sent in proposals which are now under consideration.

No proposals of any kind were received during the year from the Bilaspur, Chhindwara and Raipur Divisions, regarding preparation for working-plans, but I am informed that some may shortly be expected.

30. In the Balaghat Division, in continuation of the work of the subdivision of Forest areas, which is a preliminary step to the introduction of a systematic method of exploitation, several available tracts giving promise of vigorous coppice growth and natural reproduction from seed, were selected and divided into working circles, from which the demand by the people for small wood and building material will be supplied. The demand at present represents only a small part of the annual supply, and much of the material obtained from

Departmental fellings remained undisposed of at the end of the year, as the people, finding the system of removal of Forest produce elsewhere more to their liking and the terms probably easier, did not purchase as much from the Department as they did in the previous year.

31. Departmental cuttings have also been made in the Bhandara Division, but the Divisional Forest Officer has not touched on the points noticed under Balaghat.

32. In the Bilaspur Division, the only progress made was the localization of the 16 compartments, in 9 of which cutting was commenced.

Here, again, the produce remained unsold, and the only reason assigned is, that the villagers, in spite of low rates, did not take to the new mode of Departmental sales, to which they are as yet unaccustomed. Owing to changes of the Divisional Officers, and the difficulty of obtaining labour, the cutting of coupes, in anticipation of a demand, was only carried out as far as the demand of previous years justified, and this seems to be right; for, unless the operation is to be considered an Improvement felling, no object would have been gained by cutting more material than could be readily disposed of.

Chanda

33. In the Warora, Moharli, Haveli, Gunjewahi, Dhaba and Brahmapuri Ranges the provisional working scheme for supplying the Agriculturists and others with building wood was worked up to in the annual coupes—area 110·274 acres in Bhimaram and 21·877 acres in Mirkallu. But it was soon apparent that to work the fixed annual areas departmentally would be a mistake, so cutting was stopped, there being scarcely any demand on them, in consequence of the abundant supplies obtainable from Malguzari Forests. After the standards had been marked by Rangers or Foresters, purchasers were allowed every facility for removal of the forest produce they required. In the compartments worked during the year, valuation surveys, with a descriptive account of each compartment, were made, so that it will be easy to work with method until a regular working-plan comes into force. In the Moharli Range, valuation surveys were carried on over an area of 80 acres.

Chhindwara.

34.. The Forest Divisional Officer reports that it was not found practicable to carry out the proposals for Improvement fellings, submitted during the previous year. In the Sardoni Coupe (15 acres) of the Sileywani Ghat Range, the Departmental cuttings have been temporarily stopped for want of labour. Many Divisional Forest Officers complain of the scarcity of labour, and suggest as a remedy an increase in the number of Forest villages.

Nagpur-Wardha

35. Some progress has been effected in establishing depôts, conveniently situated to villages requiring supplies of Forest produce. The experience of the past year shows that the number of depôts opened in each Range is ample to meet all present demands. The Divisional Forest Officer points out that, as regards the supply of fuel over the whole of the rotation of 30 years, a large portion of it will consist of inferior species and badly-grown trees, there being very few well-grown trees left. The demand for fuel of the Arvi and Ashti Forests is large, but the difficulty of carriage greatly enhances the cost of procuring it. The Forests are difficult of access, and the Divisional Forest Officer thinks it is doubtful whether the opening up of new roads, to join main roads, would lead to an increased demand for timber and fuel.

36. The departmental felling consisted of unsound and unpromising trees, and in selecting those to be felled, consideration was given to the improvement of the composition and reproduction of the existing forest growth; every endeavour was made to work over the entire area proposed for the year, but owing partly to the difficulty of obtaining labour and partly to the work being new to the Forest subordinates, it could not be completed.

Raipur.

37. The material obtained from the departmental cutting in the Mundher Forest was not disposed of during the year, owing to the lower rates prevailing in malguzari forests.

Sambalpur.

38. No departmental fellings were done in any of the forests of this Division during the past year, and the Forest Divisional Officer does not explain why.

Seoni.

(*b*).—*Annual Plans-of-Operations.*

39. Annual plans of operations were drawn up for all divisions, and with the exception of road-making, projects were fairly well worked up to. Improvement and strip fellings proposed to be carried on during the year in certain divisions were abandoned in favour of compartment fellings.

II.—Working of the Year.

(*a*).—*Communications and Buildings.*

40. A study of Form 51 shows the work done in each division under the main head, and the following Statement sets forth the expenditure on new buildings and roads as compared with the previous year.

41. Rupees 785 were spent on the construction of 66 miles of country cart-roads and Rs. 156 on re-surveying 1½ miles of the Barighat road by the Public Works Department. In the Bilaspur Division Rs. 629 were incurred in opening up the Unganpatghat road (a heavy piece of work) to facilitate the extraction of forest produce. In the Sambalpur Division an expenditure of Rs. 22 only was incurred on surveying, levelling and alignment of the proposed Kujuriaghat road.

42. The sum of Rs. 3,061 was expended as below :—

	Rs.
(*a*) On the construction of seven permanent quarters for Forest subordinates, and in completing a house for the Hospital Assistant at Alapalli...	1,368
(*b*) On the erection of temporary quarters	999
(*c*) On a timber depôt at Bilaspur	44
(*d*) Materials for permanent quarters for establishment in the Bhandara Division	239
(*e*) *Under other works*, the sinking of a well at Khora to provide good drinking water for Forest establishment in the Balaghat Division ...	140
(*f*) The construction of a small tank at Khosra and a well at Maraji, both in the Bilaspur Division	44
(*g*) Sinking a well in the Moharli Nursery, Chanda Division ...	232

43. More attention is now being paid to the need for suitable houses for Forest Officers and their subordinates as also to the construction of ordinary country cart roads to facilitate the removal of Forest produce from coupes; and it is believed that these most important works will receive the attention of the Forest Divisional Officers during the coming open season.

(b).—*Protection of Forests from injury.*

(1).—General Protection and Breaches of Forest Law.

44. It will be seen from Form No. 52 that the total number of cases of breaches of Forest law reported during the 12 months ending with June 1894 was 2,373 as against 5,715 reported in the previous year, but it must be noted that this latter represents figures for 15 months; 53 cases related to injury to forests by fire, 1,481 to the unauthorized felling or removal of timber, &c., 756 to grazing without permission and 83 to other offences.

45. It is satisfactory to note that, with one exception, the decrease in the number of cases reported during the past year has been general in all Forest Divisions.

46. The exception is Bilaspur, where the number has been more than doubled, which apparently is due to a change in procedure under which offences reported are enquired into on the spot by Range Officers and then sent on to the officer empowered to compound.

47. The greatest decrease in the number of cases reported has been in the Chanda Division where it has fallen from 2,228 to 228. In the Raipur Division it fell from 647 to 154, in the Bhandara Division from 711 to 392 and in the Chhindwara Division from 676 to 469.

48. The cause for the decreases is partly due to the fact that the figures for the year 1892-93 related to 15 months; but chiefly to the greater care and judgment exercised in compounding forest offences, as also to increased watchfulness on the part of Forest subordinates over removal of forest produce.

49. The total number of cases reported during the 12 months ending with June 1894, together with those pending at the close of the preceding year, was 2,573, of which in 16 the offenders were undetected; of the remaining 2,557 cases, 79 were taken into Court, 2,326 compounded, leaving 152 cases undisposed of at the close of the year.

50. Of the 69 cases taken into Court, convictions were obtained in 57; thus the percentage of convictions was 72·15 against 73·41 in the Forest year ending with June 1893.

51. In the following table the prosecutions and their results are shown separately for each Division :—

	Balaghat.	Bhandara.	Bilaspur.	Chanda.	Chhindwara.	Nagpur.	Wardha.	Raipur.	Sambalpur.	Seoni.
Cases prosecuted	3	15	11	9	8	5	...	1	29	8
Convictions obtained ...	3	12	9	6	6	3	...	...	15	3
Acquittals	...	2	2	3	2	2	...	1	8	2
Pending	...	1	...	...	...	...	...	...	6	3
Percentage of convictions ...	100·00	85 71	81·82	66 67	75·00	60·00	...	...	65·22	60 00

The percentage of convictions was lowest in the Nagpur and Seoni Divisions and highest in the Balaghat and Bhandara Divisions.

52. In the 2,219 cases compounded, 5,775 persons were involved, and in the majority of cases of illicit removal of produce more than double dues were recovered,

but in cases of unauthorized grazing it was considered sufficient to recover double dues only.

It is believed that the compensation recovered in each case was sufficient to lessen the number of forest offences, and that the system should be given a fair trial.

53. The amount of compensation taken was Rs. 10,169-5-0, which gives an average of Rs. 1-12-2 for each person; but this, in almost all cases, includes the value of the produce removed.

(2.)—PROTECTION FROM FIRE.

54. The year under report was an exceptionally bad one for fire protection, as from December 1893 to June 1894 there was no general rainfall. It was, in fact, the worst season known for many years.

55. From the following statement it will be seen that approximately 3,673,554 acres, not under special fire protection, escaped being burnt. There is a marked immunity from fire where grazing was permitted, but where the areas adjoin malguzari and zamindari mahals, fires have been frequent and very destructive :—

Division.	Total area of Government Forests.	Deduct area under special fire-protection.	Balance.	Area burnt over.	Area which escaped being burnt.	Percentage of area which escaped.	Remarks.
	Acres.	Acres.	Acres.	Acres.	Acres.		
Balaghat ...	711,756	183,342	528,414	13,450	514,964	97·45	
Bhandara ..	351,975	91,502	260,473	33,242	227,231	87·24	
Bilaspur ...	414,891	308,685	106,206	57,496	48,710	45·86	
Chanda ...	2,177,372	439,379	1,737,993	635,688	1,102,205	63·42	
Chhindwara ...	452,386	26,240	426,146	20,933	405,213	95·09	
Nagpur ...	345,604	85,310	260,294	8,598	251,696	96·70	
Wardha ...	117,304	32,822	84,482	1,246	83,236	98·52	
Raipur ...	886,210	84,480	801,730	211,944	589,786	73·56	
Sambalpur ...	252,006	33,507	218,499	202,761	15,738	7·20	
Seoni ...	617,762	154,060	463,702	29,037	434,665	93·74	
Total ...	6,327,266	1,439,327	4,887,939	1,214,395	3,673,554	75·16	

56. It will be seen from Form No. 53 that the area under systematic fire-protection has been increased during the year by the addition of 1,11,311 acres, thus making a total of 1,439,327 acres, of which 1,337,626 or 92·93 per cent. were successfully protected at a cost of Rs. 31,508-7-3.

57. The Forest Divisional Officer, Chanda, reports that a sum of Rs. 242-14-4 was expended in protecting certain forest tracts not under special fire-protection.

58. The following Statement is abstracted from Form No. 53 for the Circle, and gives the results of the season under report and the cost :—

Division.	Areas under organized protection.			Result of protection obtained during the dry season.		Percentage of failures to areas attempted.	Cost during the season.	Average cost for areas attempted.		Average cost for areas successfully protected.	
	During 1892-93.	Added during 1893-94.	Total.	Successfully protected	Failed.			Per acre.	Per square mile.	Per acre.	Per square mile.
	Acres.	Acres.	Acres.	Acres.	Acres.		Rs. a. p	Pies.	Rs. a. p.	Pies.	Rs. a. p.
Balaghat ...	183,342	...	183,342	182,956	386	0·21	2,566 15 8	2·688	9 15 4	2·693	9 15 7
Bhandara ..	86,136	5,366	91,502	90,954	548	0·58	1,077 9 6	2·261	7 8 7	2 275	7 9 4
Bilaspur ..	308,685	...	308,685	273,648	35,037	11·35	3,842 0 2	2 390	7 15 6	2·696	8 15 6
Chanda ..	375,324	64,055	439,379	437,572	1,807	0·41	14,885 6 1	6 504	21 10 11	6 536	21 13 9
Chhindwara ..	26,240	...	26,240	26,169	71	0·27	595 11 1	4 368	14 8 5	4·370	14 9 1
Nagpur ..	84,860	450	85,310	85,306	4	...	1,656 14 10	3·729	12 6 10	3 729	12 6 11
Wardha ..	32,672	150	32,822	32,422	400	1·22	1,067 4 7	6·548	21 13 3	6·320	21 1 1
Raipur ..	62,080	22,400	84,480	37,602	46,878	55·49	2,458 15 4	5·581	18 9 8	12·540	41 12 9
Sambalpur ..	29,977	3,530	33,507	27,107	6,400	19 10	700 10 1	4 015	13 6 2	4 063	16 8 8
Seoni ..	138,700	15,360	154,060	143,890	10,170	6·60	2,660 0 0	3 315	11 0 9	3·549	11 13 8
Total ..	1,328,016	111,311	1,439,327	1,337,626	101,701	7 07	31,509 7 8	4 203	14 0 2	4·513	15 0 8

59. The above Statement shows that there has been an increase in the case of special protection in all Divisions, except Chanda, where the figure has fallen from Rs. 24-8-11 to Rs. 21-12-8.

60. The Raipur Division shows a large increase from Rs. 24-7-10 to Rs. 41-12-9 due, the Divisional Forest Officer reports, to the unusual dryness of the season. But the cause cannot be entirely due to the season, and it is believed that there are other reasons which will require careful looking into.

(3.)—Regulation of Grazing and Protection from Cattle.

61. Form No. 54 shows, in detail, the areas closed and open to grazing in the several Forest Divisions of this Circle. Of 9,886 square miles of Government Forests, 1,317 were closed to all animals throughout the year, 136 were similarly closed for a portion of the year, 3,432 were closed to browsers for the whole year, and 5,001 were open to all animals for the whole year.

62. The areas from which all cattle were excluded are the greater portions of the areas under special protection from fire, and include the areas cut over in Working Circles. In a few Divisions, cattle were admitted into the fire-protected areas from 1st July to 1st January. The areas in which fellings were carried out during the year will be closed to grazing for about 10 years, as without this protection it would be quite impossible to carry on cultural operations with any hope of success, but as the systematic working of the forests progresses, the grazing areas will increase.

(c)—*Improvement of Forest growth.*

(1).—Natural Reproduction.

63. In all Divisions in the areas protected from fire and grazing, natural reproduction, wherever the ground is not already fully stocked, is said to be good.

64. The Divisional Forest Officer of Nagpur-Wardha writes that there is also some reproduction in places where there is light grazing, and further, that in a few scattered patches and belts, where the soil is good and well drained, teak seedlings are coming on very well, and in other places dhoura, tinsa, saj and lendia are growing fairly dense and straight.

65. With regard to Bamboo forests, I quote Mr. Lowrie's (Divisional Forest Officer, Chanda) own words:—"Bamboos have been and are fast forcing "their way into every part of the forest to the entire exclusion of every other "species. There are, it is true, standards that have topped the bamboo and "which evidently had germinated before the bamboo had spread into that part "of the forests."

66. In the other Divisions where coupes have been cut on the system of coppice with standards, fresh crops of stool shoots have sprung up. Many of the Divisional Forest Officers omit, however, to give any detail of the composition of the growing stock, without which it is impossible to say what proportion of the more valuable species is found in it. Mr. Blunt, Forest Divisional Officer of Bilaspur, states that where grazing is heavy reproduction is *nil*.

(2).—Artificial Reproduction.

67. There are, strictly speaking, no regular plantations in the Circle, and cultural operations consist of the sowing of blanks and experimental sowings on a small scale of the more valuable species.

68. In the Balaghat Forest Division nurseries were prepared and sown with teak, saj, khamer, and bija, of which the last three germinated, but not more than 50 per cent. survived the hot months.

69. In the Lakhni Range of the Bhandara Division, seed of the better species was sown in the coupes of the year, and now that all the 18 coupes are being worked, it is proposed to continue similar sowings in them also.

70. In the Bilaspur Division seeds of saj, bijasal, jamun and teak were sown in the blank spaces in the north of the Hathibari Reserve, with the object of improving the composition of the growing stock in this part of the reserve. The seed has germinated, producing an abundant crop of promising seedlings; some teak seed was also sown, but the result is not mentioned.

71. In the Chhindwara Forest Division, the Forest Divisional Officer reports that there is nothing to record.

72. Some experimental sowings were done on a small scale in the Kutta Block, East Pench Range, Nagpur-Wardha Division, but the result appears to be *nil*, except in a patch on which some refuse was burnt to stimulate reproduction.

73. In the Raipur Forest Division, as will be seen from Form No. 56, good progress appears to have been made during the year.

74. In the Sambalpur Forest Division, a few bijasal and saj seedlings were transplanted in the Budaraja and Moti Jharan Forests, but with what result is not stated. It is reported that there are few natural seedlings in the latter forest, while the former is fairly well stocked.

75. In the Seoni Forest Division, as will be seen from Form No. 56, some progress has been made in improving the composition of the forest by the addition of more valuable species, and it is to be hoped that operations have been successful.

76. In the Chanda Division, an area of 66 acres in the Salori Coppice Working Circle, cut back for charcoal, was sown with various species which germinated very freely, and the results promise well. In the Moharli garden, and in the Janona compartment, sandal seed was sown and has germinated; bijasal was also sown over an area of 12 acres in the latter.

(3).—Early Thinnings.

77. No thinning out was done during the year.

(4).—Other operations for the Improvement of the Growing Stock.

78. The Statement below shows the work done during the year in cutting out destructive climbers :—

Division.	Area over which cutting extended in acres.	Number of climbers cut.	Cost of operation.			Remarks.
			Rs.	a.	p.	
Balaghat ..	...	76,857	6,578	0	0	Exclusive of those cut by regular establishment.
Bhandara ..	...	76,900	58	8	0	Partly by regular establishment
Bilaspur ...	...	21,737	...			By regular establishment.
Chanda ..	4,791	1,77,740	288	13	5	
Chhindwara .	...	1,11,103	...			By regular establishment.
Nagpur ...	...	41,696	..			Do. do.
Raipur ...	...	34,016	34	10	0	
Sambalpur ...	185	6,985	1	10	0	Partly by regular establishment.
Seoni ...	26,862	3,60,683	144	5	0	Do. do.

79. From the above, it will be seen that much good work was done by the protective establishment in the course of their ordinary duties, and as this

operation is very important for the improvement of the growing stock, it is contemplated to arrange to carry on the work on a more extensive scale.

(5).—EXPERIMENTS.

80. Under this head there is but little to record.

In the Balaghat Division sandal seed was sown in the Dhansua and Paraswara Ranges, but failed to germinate.

In the Bhandara Division, the exotics in the Kitari plantation still survive, but they are unhealthy.

In the Chanda Division sandal seed was sown in the Janona compartment, and in the Moharli garden, and the germination is excellent.

81. With regard to the woods supplied to the Warora Colliery for approval, the information regarding the test applied is not very conclusive, but it is believed that the woods will hold their own in the local markets.

82. In the Raipur Division, the girth measurements for determining the average annual growth of certain sal trees in a plot fixed for the purpose in the Sihawa North Range, were repeated, and the average annual increment in growth was found to vary from ¼ inch to 1½ inches, while in the areas outside the plot it was found to vary from ¼ inch to ¾ inch.

(*d*).—*Exploitation of Major Forest Produce.*

(1).—CLEAR OR REGENERATION FELLINGS.

83. There are at present no provisions in any of the working-plans sanctioning the application of either of these methods in any of the Forests of the Circle.

(2).—SELECTION FELLINGS.

84. Selection fellings were restricted to the Chanda and Balaghat Divisions, and the result is as detailed below :—

Range.	Locality.	Area in acres.	Number of trees felled.	Species.	Remarks.
Ahiri ...	Bhimaram ...	954	250	Teak ...	Logged.
Do. ...	Do. ...	164	497	Teak poles ...	Only suppressed and otherwise injured taken out.
Do. ...	Mirkallu ...	372	149	Teak ...	Logged.
Moharli ...	Paluni ...	500	1,700	Dhaora ...	Cut by purchasers and converted into cart axles.
Do. ...	Agarjhari ...	4,500	1,980	Ein & tendu.	Cut for pit props to the Warora Colliery.
Do. ...	Taroba ..	600	1,267	Various ...	Poles and props were cut for sale at the Warora Depôt.
Dhaba ...	Kahanargaon..	300	200	Dhaora ...	500 were marked, but only 200 cut by purchasers.
Haveli ...	Bapalwara ...	200	32	Satinwood ...	Supplied to the Chanda Jail for oil "laths."

(3).—IMPROVEMENT FELLINGS.

85. These fellings have been made in view to the improvement of the growing crop. In Balaghat the fellings of this nature were confined to 517 acres of the Sonawani block and 457 in the Dhansua Range. In Bhandara operations were extended to 11 blocks aggregating 1,030 acres, and from this area 14,300 teak and 3,500 saj, all badly grown and interfering to suppress the other trees were cut out. The improvement strip-fellings in the Dorki Reserve, Bilaspur Division, were discontinued during the year owing to the difficulty of transport of material; this, the Forest Divisional Officer writes, has now been overcome and fellings will be continued as heretofore. But doubtless some modification of the method will be necessary.

In the Nagpur-Wardha Division 1,281 acres were cut over on the system of coppice and improvement fellings. The area of each is not given.

In the Raipur Division 3,265 acres were brought under improvement fellings. The information from the Seoni Division under this head is wanting. The Forest Divisional Officer reports that regulated fellings are in force throughout the district, that in the Southern forests it was attempted to cut fuel and timber by contract in two places, and two other places were opened for selection fellings, by the latter the Forest Divisional Officer probably means improvement fellings. The areas are not given.

In the Chanda, Chhindwara and Sambalpur Forest Divisions no improvement fellings were carried on during the year.

(4).—COPPICE FELLINGS.

86. The Balaghat Forest Divisional Officer writes that no fellings have been made expressly for coppice, though the regeneration of the areas being cut in working-circles will depend almost entirely on the reproduction from the stools The coppice with standard *regime* is, however, now being introduced.

87. In the Lakhni and Powni Ranges, Bhandara Forest Division, all green wood was cut departmentally, and with the exception of some teak trees cut back in the Matora and Parkabori Reserves the cutting was confined to the coupes marked in the preceding year. By the end of November 1893, coupes in the Bawanthari and Pertabgarh ranges were also marked off, and departmental operations commenced. The remaining forests are open to the extraction of green wood till the end of January 1894. The total area of the coupes worked out in the coppice with standard system was 2,634 acres.

88. In the Salori Working Circle of the Chanda Division 66 acres were exploited on the coppice with standard *regime* to supply charcoal to the Warora Colliery, the annual consumption of which is estimated to be 20,000 cubic feet. The Forest Divisional Officer found that one ton of wood equalled 80 cubic feet of staked fuel, and that the percentage of charcoal was 18·02 cubic feet. In other forests, under Provisional working schemes, the standards to be retained were marked, and for the rest purchasers could obtain licenses and cut what produce they wanted.

89. The area coppice felled during the year in the Nagpur-Wardha Forest Division is not shown separately.

90. In the Mundher Forest, Sambalpur Forest Division, 185 acres were coppice felled, leaving a large number of standards than was necessary. The

cause of this was that the work of selection and marking was left to quite an untrained man, there being no other available.

(5).—UNREGULATED FELLINGS.

91. All fellings, except those made under the provisions of working-plans, come under this head, though nearly all are under control regulated by licenses and commutation. This does not, however, prevent the holder or commuters cutting wherever he or they like and in the customary manner.

92. In the Nagpur-Wardha Forest Division unregulated fellings are now nearly prohibited everywhere, and where such are allowed the reserved species were not allowed to be cut.

93. In the Raipur Forest Division these fellings as far as green wood is concerned, have been stopped in all forests except those in the Sihawa forests, which being far removed from populated plains were kept open to license-holders who were allowed to cut all unreserved kinds of wood for their requirements.

94. In the Sambalpur Forest Division the major portion of the yield was obtained from unregulated fellings, the public, however, being allowed to fell only certain species of wood.

The bamboo fellings were not formally regulated, as the rise in the rate for green bamboos had a strong tendency to induce the people to cut only large, well matured switches.

(*e*).—*Extraction and Transport of Major Forest Produce by Land and Water.*

95. *Balaghat Forest Division.*—Major forest produce has been chiefly extracted by purchasers on licenses by commuters, and to a small extent by Departmental agency.

96. *Bhandara Forest Division.*—As timber and green fuel is now only available in the various coupes, roads are proposed for the removal of produce, but for the removal of dead or dry fuel no such proposals have been thought necessary, as the bulk is taken out by the head-load by people living in the borders of Government Forests.

The right to salve drift and waif wood from the various rivers, streams and nallas is leased annually by public auction.

97. *Bilaspur Forest Division.*—Timber and fuel were brought from the Dorki Reserve to Bilaspur depôt, but owing to the high rates charged for carts this means of transport is becoming every year more difficult.

98. In the Sonakhan Range considerable quantities of bamboos are floated down the Jonk river by purchasers who also take out produce by head, Kawar, and cart loads.

99. *Chanda Forest Division.*—The Departmental operations have been carried on as noted below :—

In the Ahiri range 399 trees cut from Bhimaram and Mirkallu blocks, were converted into 1,146 logs containing 30,923·400 cubic feet, to which must be added 444 logs left in the forest during 1892-93, which give a total of 1,590 logs=50,209·623 cubic feet. In the Bhimaram block 497 poles were cut which, on being sorted, gave 732 saleable poles; of these 182 logs=4,780·799

cubic feet were sent to Mudamtura depôt besides 194 logs=5,181·147 cubic feet, and 457 poles carted to the same depôt and thence floated down to Sironcha.

In addition 4,307 cubic feet of teak scantlings were carted to the Pranhita and thence floated down to Sironcha 204 logs=3,665·647 cubic feet were carted to the Alapalli depôt for conversion. A further lot of 506 scantlings= 261·944 cubic feet were carted to Warora for delivery to the Colliery; 432 scantlings=36·374 cubic feet were also carted to the Chanda depôt; and 426 cantlings=635·91 cubic feet were sold locally at the Alapalli depôt. In the Moharli Range pit props and poles=10,924·161 cubic feet were carted from the forests to Warora.

The expenditure on these operations amounted to Rs. 8,212-13-9 which includes a small expenditure for the carting of bamboos from the forest to Warora. The receipts amounted to Rs. 10,349-4-7, exclusive of a sum of Rs. 5,915-11-6 outstanding on account of the supply of 229 logs to a contractor.

100. *Chhindwara Forest Division.*—The produce in timber is generally dragged by bullocks from the forest to a road where it is loaded on carts and conveyed to its destination.

Below the ghâts produce is floated down to the Kanhan river to Kamptee and to other large villages along its bank.

101. *Nagpur-Wardha Forest Division.*—No remarks have been offered by the Forest Divisional Officer.

102. *Raipur Forest Division.*—As the Departmental feelings are now restricted to certain coupes, fixed to be worked annually, there is not much to record. In the Dhamtari Range 178 planks were sawn out of 60 salai trees felled in the Bhija block, costing Rs. 60-10-0; of these 62 were sold for Rs. 30-11-3, while 116 remained unsold. In the Sihawa North Range 3,486 poles of unreserved kinds were cut up at a cost of Rs. 5-4-0, and disposed of for Rs. 220-5-9; 35½ cart-loads of dead and dry timber collected and rafted down to Rajum cost Rs. 35 and were sold for Rs. 178-1-0.

In the Sihawa South Range 18,816 bamboos were cut and collected, of which 7,637 were floated down by river to Dhamtari. The cost of cutting and floating these amounted to Rs. 182-6-0. The bamboos realized at Dhamtari Rs. 803-10-0, and 10,050 were disposed of in the forests for Rs. 133-6-9, 1,129 remained unsold. In the Baloda Range 11,570 bamboos were cut and stocked in forests at a cost of Rs. 70-4-0, 8,011 sold for Rs. 120-2-8, leaving 3,559 unsold. In the Lown and Sirpur-Khallari Ranges 21,040 bamboos cost to cut Rs. 49-6-3, and were sold for Rs. 315-13-3.

103. The Forest Divisional Officer of Sambalpur has no remarks under this head.

104. *Seoni Forest Division.*—The extraction and transport of forest produce is entirely carried out overland. In the northern portion the want of good roads is a great drawback to the sale of forest produce.

(f).—Exploitation of Minor Forest Produce.

105. In the Balaghat Forest Division the right to collect minor forest produce and to cut grass from "birs" was leased out during the year.

106. In the Bhandara Forest Division, minor produce was collected departmentally, but owing to a ring having been formed by bidders at the auction sales, the financial results are poor.

107. *Bilaspur Forest Division.*—In 1892 the right to minor produce was leased for three years ending 30th June 1895, and during the year a lease to collect hides and horns in the Deosara, Unganput and Sarasdol forests, and palas lac in the neighbourhood of Kotari was concluded. With the exception of a quantity of hurra and mahua collected departmentally, all minor forest produce was removed by purchasers on license, including the grass of Phadakar, but excluding that of Bitkuli and Pantora.

108. *Chanda Forest Division.*—The right to collect minor forest produce in all open forests was leased out, but in all fire-protected areas it was collected departmentally.

109. *Chhindwara Forest Division.*—All minor forest produce, except hurra, was sold by contract or license: the hurra was collected departmentally.

110. *Nagpur-Wardha Forest Division.*—The right to collect minor forest produce for one year, including grass birs, was sold by auction to the highest bidder.

111. *Raipur Forest Division.*—Grass, lac and gum were collected departmentally, and the right to collect other minor forest produce, including the cutting of grass from birs, was leased out.

112. *Sambalpur Forest Division.*—2,434 maunds of hurra were collected departmentally in the Barapahar forest.

113. In the *Seoni Forest Division* all minor forest produce, with a few exceptions, was disposed by lease during the year.

(1).—Extraction of Fodder.

114. *Balaghat Forest Division.*—With the exception of 21 tons of grass cut departmentally and disposed of as fodder, the whole of the grass crop from the "birs," estimated at 1,051 tons, was cut and removed by the contractors to whom they were leased out; from the remaining areas 785 tons of grass were removed by purchasers on license.

115. *Bhandara Division.*—During the year 7,497 tons of grass were removed and used chiefly for thatching.

116. *Bilaspur Forest Division.*—The Divisional Forest Officer draws attention to the fact that grass is never cut in the Government forests for fodder. 4,116 tons were removed by purchasers for thatching.

117. *Chanda Forest Division.*—13,033 tons of thatching and fodder grass were cut and removed, and the grass in two grass reserves was sold by auction. The Gour "bir" grass reserve was not auctioned, as the bids were too low.

118. *Chhindwara Forest Division.*—3,995 tons of grass were removed by purchasers on license, and in one place only was a contract given.

119. *Nagpur-Wardha Forest Division.*—1,531 tons of fodder and thatching grass were cut and removed by purchasers, &c. The grass "birs" were sold by auction.

120. *Raipur Forest Division.*—Sukla and Gandhri grass, as also fodder grass, in all 3,665 tons were removed departmentally and by purchasers.

121. *Sambalpur Forest Division.*—859 tons of grass were removed by purchasers on license.

122. *Seoni Forest Division.*—3,842 tons of fodder and thatching grass were removed by purchasers.

(2).—GRAZING.

123. It will be seen from Form No. 55 that the number of animals belonging to outsiders, which resorted to the Government Forests for grazing purposes during the forest year ending with June 1894 was as follows :—

	No.
Buffaloes	133,470
Cows and bullocks	1,049,059
Goats	189,915
Sheep	25,742
Other animals	587

124. In all Divisions, except in the Bilaspur Division, the inhabitants of the forest villages were, as usual, allowed free grazing for their cattle (the number of which is not given by the Forest Divisional Officers) ; the payment of second dues was not exacted, the rate paid being 4 annas per head, as prescribed by the Chief Commissioner's Resolution No. 2754, dated the 5th August 1892. The difference in the number of buffaloes, cows and bullocks, for which grazing licenses were taken out in this circle during the forest years 1892-93 and 1893-94 is as follows :—

	Buffaloes.	Cows and Buffaloes.
1892-93	153,999	1,240,105
1893-94	133,421*	1,048,478*
Difference	—20,578	—191,627

The apparent decrease is probably due—1st, to the fact that the figures for 1892-93 are for a period of 15 months, and 2nd, to the mortality among cattle from cattle disease.

(3).—MISCELLANEOUS PRODUCE.

125. As the remarks recorded in paragraphs 105 to 124 refer also to the miscellaneous produce removed during the year, no special remarks are here necessary.

* Exclusive of 49 buffaloes and 581 cows and bullocks allowed free grazing in the Chanda Forest Division.

CHAPTER III.

Gross Yield and Outturn of Forest Produce.

126. The gross outturn of forest produce resulting from departmental exploitations and removals by purchasers during the year are detailed in Forms Nos. 57 and 58 and the totals are given below :—

		By Departmental Agency	By Purchasers and Consumers
Timber, solid	...	373,123 cubic feet.	615,462 cubic feet.
Fuel, stacked	...	2,227,415 „	8,496,584 do.
Bamboos	...	100,625 No.	8,908,490 No.
Grass	...	1,150 tons	38,239 tons.
Other Forest produce	...	46 „	6,469 „
Minerals	...	...	6,885 „

127. The above totals, when contrasted with those of the fifteen months ending June 1893, show a decrease in all Forest products, save fuel, the outturn of which in all Forests Divisions, except Chanda, is in excess.

128. The decrease is as follows :—

Timber	...	...	369,166 cubic feet.
Bamboos	...	...	53,74,732 No.
Grass	...	...	12,068 tons.
Other Forest produce	...	...	625 „
Minerals	...	...	2,437 „

129. The above falling off in the outturn is partly accounted for by the difference between the length of the two periods contrasted ; but if the figures of production for the past year be compared with those of the previous forest year, 1st July 1892 to 30th June 1893, it is evident that there is a striking fall in the sale of bamboos amounting to 2½ millions, which is explained by the facts that in the Sambalpur Division the price was doubled in accordance with the Chief Commissioner's Resolution No. 102, dated the 5th January 1893, and the sales fell from three millions to 2½ millions, also to less demand in other Divisions due to the malguzari and zamindari rates being lower than those of the Forest Department.

130. The total increase in the output of fuel amounts to 4,315,456 cubic feet =86,309 tons. This is owing to the introduction of a more systematic working of the forests, and to an increased demand due to the reduction of the rates for dry sticks and branches. But in respect of this kind of feul, Forest Divisional Officers point out that, in some forests, the people, in order to avail themselves of the low rates, surreptitiously cut green branches, which they subsequently remove when dry.

131. The largest sales of fuel were effected in the Raipur and Bhandara Forest Divisions, and the smallest in the Chanda Forest Division.

Free grants of Forest Produce.

132. The free grants of forest produce made during the year are shown in Forms Nos. 57 and 58, and consisted chiefly of small wood of inferior kinds—bamboos, grass and fuel given to the inhabitants of forest villages.

PRODUCE REMOVED BY RIGHT-HOLDERS AND UNDER PRIVILEGES.

133. There are no right-holders in this circle, but, under the special sanction of the Local Government, the inhabitants of five villages in the Chanda Forest Division, whose houses were burnt, received forest produce at half rates for the re-building of their houses.

CHAPTER IV.

FINANCIAL RESULTS.

134. Annual Forms Nos. 61, 62 and 64 for the forest year, attested by the Comptroller and Auditor-General, together with Forms Nos. 63 and 65 for the same period, are appended. The comparison with the figures of the previous year is as follows :—

			1892-93		1893-94.
			Rs.		Rs.
Receipts			7,41,471		5,61,037
		Rs.		Rs.	
Charges	A—Conservancy and Works ...	2,05 601		A-1,98 617	
	B—Establishments ..	2,92,998		B-2,45 485	
			4,98,599		4,44,102
Surplus			2,42,872		1,16,935

135. These causes which have helped to bring about so poor a financial result in the past year as compared with those of the previous Financial and Forest year, will be understood from an examination of the net decrease of each Division as shown below, in connection with the explanation that follows :—

Division.	Difference between the Financial year 1892 93 and 1893 94	Difference between the Forest year 1892 93 and 1893 94.
	Rs.	Rs.
Direction . ..	+ 299	—123
Balaghat	+ 6,021	— 8,513
Bhandara	—1,619	—13 979
Bilaspur	+ 12,115	—2,789
Chanda	—11,817	—75,999
Chhindwara	—11,071	—19,166
Nagpur-Wardha ..	— 8,257	—14,782
Raipur	+ 12,667	—15 085
Sambalpur	+ 3,474	— 6,754
Seoni .:.	— 13,216	—23,214
Total ...	—11,465	—1,80,434

136. In all Divisions there has been a falling off, but the Chanda Division shows the largest, amounting to Rs. 76,000, which is in part due to the non-realization of grazing dues, the Deputy Commissioner having allowed the graziers three months grace in consequence of their inability to pay at the proper time, owing to a bad harvest.

Another reason is that an outstanding on account of teak logs from the Sironcha Depôt was not recovered.

137. In the Raipur Forest Division, labour not being obtainable, the projects for the extraction of forest produce could not be fully worked up to.

138. In the Bhandara Division, the value of the drift wood leases for 1893-94 was collected and credited in 1892-93, and the auction sales were unsatisfactory.

139. In the Balaghat and Seoni Forest Divisions, prevalence of cattle disease reduced the herds.

140. Other reasons applicable to all divisions may be briefly summarised :—

(1) reduction of forest rates;

(2) a less demand of forest produce, in consequence of malguzars having stimulated the sale of their forest produce by lowering the rates and removing all restrictions in cutting;

(3) also to the fact that the fuel and timber cut departmentally was unseasoned, which caused buyers to go elsewhere in search of drier material; and

(4) an unusually large unsold stock lying in forests and in depôts at the end of the year.

141. The following table compares the actuals of the Financial and Forest year with those of the previous year :—

Revenue Budget Heads	Receipts in					Receipts in				
	Financial year 1892-93	Financial year 1893-94	Difference. More, 1893-94	Difference. Less, 1893-94	Net difference.	Forest year 1892-93	Forest year 1893-94	Difference. More, 1893-94.	Difference. Less, 1893-94.	Net difference.
	Rs	Rs	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
R. I	40,785	27,410	..	13,375	—13,375	48,982	27,480	...	21,502	—21,502
R. II	5,54,383	5,61,054	6,671		+6,671	6,74,797	5,21,697	...	1,53,100	—1,53,100
R. III	1,975	1,596		379	—379	2,345	1,947	...	398	—398
R. IV		...	.			...	..	...	...	...
R V ..	13,838	9,456	.	4,382	—4,382	15,347	9,913	...	5,434	—5,434
Total	6,10,981	5,99,516	6,671	18,136	—11,465	7,41,471	5,61,037	...	1,80,434	—1,80,434

142. The surplus of the Forest year is less than the Forest and Financial year of 1892-93, the cause of which has been already explained.

143. The following tabular Statement shows that under the head "Conservancy and Works" there was an increase which was due—

(1) to the development of systematic departmental fellings in nearly all divisions;

(2) to additional expenditure incurred on roads and buildings;

(3) to larger expenditure on protection and improvement owing to surveys and fire protection; and

(4) to the fact that the greater part, Rs. 10,062, represents the value of stamps in the hands of vendors at the end of the year, and is not expenditure at all.

A.—*Conservancy and Works.*

Budget Heads.	Expenditure.					Expenditure.				
	Financial year 1892-93.	Financial year 1893-94.	Difference. More, 1893-94	Difference. Less, 1893-94.	Net difference.	Forest year 1892-93.	Forest year 1893-94.	Difference. More, 1893-94	Difference. Less, 1893-94.	Net difference.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
A. I ...	17,051	32,685	15,634	...	+15,634	23,153	34,131	10,978	...	+10,978
A. II ..	64,059	65,037	978	...	+978	78,949	62,609	...	16,340	—16,340
A. III ..	11	8	...	3	—3	12	8	...	4	—4
A. IV ...	...	..	...	..	...	...	...	...	...	...
A. V ..	...	...	...	...	...	...	...	...	...	...
A. VI ..	7,942	7,283	...	659	—659	9,108	7,104	...	2,004	—2,004
A. VII ..	5,427	7,782	2,355	...	+2,355	7,850	7,813	...	37	—37
A. VIII ..	54,903	65,287	10,384	...	+10,384	78,408	72,077	...	6,331	—6,331
A. IX ..	6,09	16,155	10,062	...	+10,062	8,121	14,875	6,754	...	+6,754
Total ..	1,55,486	1,94,237	39,413	7,731	+38,752	2,05,601	1,98,617	17,732	24,716	—6,984

144. It will be seen from the following Statement that the expenditure under B.—Establishments, of the Financial year 1893-94, exceeded that of 1892-93 by Rs. 7,102, due chiefly to the facts—

(1) that certain officers drew exchange compensation allowance for the first time;

(2) fixed travelling allowance was granted to range officers; and

(3) forest Officers were absent on tour for a longer period than in the preceding year.

145. The decrease of Rs. 47,513 between the Forest years 1892-93 and 1893-94, is due to the fact that a saving was effected owing to full pay of Conservator not having been drawn, and to the fact that the figures of the year 1892-93 are for a period for 15 months.

B.—Establishments.

Budget Heads.	Expenditure.					Expenditure				
	Financial year 1892-93.	Financial year 1893-94.	Difference. More, 1893-94.	Difference. Less, 1893-94.	Net difference.	Forest year 1892-93.	Forest year 1893-94.	Difference. More, 1893-94.	Difference. Less, 1893-94.	Net difference.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
B. I ...	2,10,753	2,08,142	...	2,611	—2,611	2,60,961	2,09,713	...	51,248	—51,248
B. II ...	9,986	17,643	7,657	...	+7,657	15,226	19,175	3,949	...	+3,949
B. III ...	13,246	15,302	2,056	...	+2,056	16,811	16,597	...	214	—214
Total ...	2,33,985	2,41,087	9,713	2,611	+7,102	2,92,998	2,45,485	3,949	51,462	—47,513

146. The following was the stock in Forests and Depôts at the end of year :—

Budget Head.	Description.		Number or Quantity.	Value.
				Rs.
B. I (a) ..	Timber ..	C. ft	2,07,756	10,719
B I (b)	Firewood and Charcoal ...	"	7,82,143	9,258
B I (c) . ..	Bamboos	No	23,954	746
B I (d) ..	Other minor forest produce .	Tons.	1,544	12,486
	Total stock in Forests and Depôts at end of year			33,209

CHAPTER V.

Forest Administration.

147. At the beginning of the past year this Circle comprised nine Forest Divisions, sub-divided into 52 ranges, and the only change to be mentioned is the reduction of the ranges to 51 by the amalgamation of the Girur and Umrer ranges, both in the Nagpur-Wardha Division.

148. The areas of divisions vary from 394 square miles to 3,402 square miles, and those of ranges from 40 to 882, and the reason assigned for so great a difference is that the divisions and ranges were arranged for administrative convenience. Colonel Doveton, however, in last year's report said that there were too many divisions and too few ranges, and no doubt this is so.

149. It is generally stated that the executive establishment is too weak to cope with the work to be done, and in this connection it is proper to call attention to the fact that during the year there were only five officers of the Upper Controlling Staff available for nine divisions, five officers of the Lower Controlling Staff for 11 charges and 21 rangers for 51 ranges. A glance at Appendix E will show that the Upper Controlling Staff was not constant throughout the year, and that the Chanda Division was the only one in charge of an officer of that staff for the whole year, while Bhandara, Raipur and Sambalpur Divisions were in charge of officers of the Lower Controlling Staff.

150. There was no change in the sanctioned scale of subordinate forest and office establishments, and the Forest Divisional Officers report that on the whole good work was done by them, but it is not too much to say that in some divisions a large proportion of the work imposed on the former remained a dead-letter. There is no doubt whatever of the good results accomplished by most of the Dehra trained men.

151. This Circle has now reached an important stage of transition, and it is a first duty to give particular attention to the re-organization of the establishments as should make them better conform to the new relations under a more systematic method of working, and the Conservator would therefore urge the necessity of increasing the executive establishment by drafting more of the Imperial Forest School trained men to this Circle, and would point out that it is essentially important for the efficient performance of all divisional works that the officers of the Upper Controlling Staff should not be subject

to such frequent moves, as the weakness of this staff has necessitated during the year under report. The changes were as follows :—

Colonel Doveton's services were placed at the disposal of the Military Department from the 10th April 1894.

Dr. E. Dobbs, Deputy Conservator of Forests, held charge of the current duties of the office of Conservator of Forests from the 10th April 1894 to the 5th July 1894, on which latter date he was relieved by Mr. Minniken, Officiating Conservator of Forests.

Mr. Lemarchand, Deputy Conservator of Forests, joined from the Punjab, and Mr. Hoghton, Deputy Conservator of Forests, was transferred to that Province.

Mr. H. S. K. Edie, while on leave, was transferred to Assam. Mr. A. A. Watson, on leave, resigned his appointment. Messrs. Linnell and Hanson appointed by Her Majesty's Secretary of State, joined this Circle in November 1893. Mr. R. C. Thompson was transferred from the Southern to the Northern Circle and Mr. Rind from the former to the latter.

The following officers were absent during a part of the year :—

1. Dr. E. Dobbs, Deputy Conservator, 3 months and 24 days.
2. Mr. H. A. Hoghton, Deputy Conservator, 23 days.
3. „ A. W. Blunt, Officiating Deputy Conservator, 3 months.
4. „ P. H. Clutterbuck, Assistant Conservator, 3 months and 28 days.

152. The following statement sets forth the penalties it was found necessary to impose on subordinate Forest and Office establishments, compared with last year; the percentage is still high though there has been a marked decrease :—

Designation.	Actual strength of staff on 30th June 1894.	Nature of Punishment						Percentage on strength of staff
		Prosecuted	Dismissed	Degraded.	Suspended.	Fined	Total.	
Rangers .	21	...	...	...	...	...	...	..
Foresters .	88	1	1	1	3	20	26	29 54
Forest Guards .	642	3	7	10	8	61	89	13 86
Clerks .	58	...	...	...	...	9	9	17 24
Draftsman ..	1	...	...	...	...	..	...	...
Dafatri ...	1	...	..	...	...	...	...	...
Orderlies ..	25	...	...	...	...	3	3	12 00
Total ...	836	4	8	11	11	93	127	15 19

153. Of the stipendiary students deputed to the Forest School during 1892-93, Vittal Dhondu gained the School Certificate and he is now a Ranger of the 6th grade; Mr. F. J. Langhorne and Nirmal Chander Chatterjee are still at the school.

154. Two private certificated Rangers have been appointed to the forest staff.

155. The undermentioned stipendiary students were sent to the Imperial Forest School during the year :—

1. Mr. W. G. Slaney.
2. „ O. C. Gilmore.
3. „ Govind Gangadhar.
4. „ Dhondu Luxman
5. „ E. A. Rooke.

156. The stamped license system has, so far, worked smoothly if not perfectly, but it seems that commission vendors, in some cases, take advantage of their authority as such to push their own interests, and do not always favour the sale of Government forest produce. It is thought that paid vendors and range officers would transact the sale of stamps with less friction to the people and more profit to the Department. What the system lacks at present is the ability to maintain honest vendors at every place where a demand by agriculturists for forest produce exists.

157. The commutation system is still in force in the Balaghat, Chanda and Seoni Divisions. This system in its present form is opposed to any systematic method of exploitations, the objections to it being that the establishment is unable to control the removal of produce, to check waste or prevent the commuters trading on the produce they extract, and the agents by whom the financial part of the system is managed receive 6¼ per cent. commission on the realizations.

158. The Telinkheri gardens at Nagpur continued under the management of the Forest Department and the Forester in charge reports that 100 cocoanuts and 100 nut-palms, were planted out and give promise of doing well.

159. The revenue and expenditure in this garden is compared below :—

		Receipts, 1892-93.	Receipts, 1893-94.	Difference.	Expenditure, 1892-93.	Expenditure, 1893-94.	Difference.
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Financial year	...	2,317	2,640	+323	2,004	2,632	+628
Forest year	...	2,668	—2,512	—156	2,669	2,825	+156

The increase in receipts is due to the better yield of crops.

General Remarks.

160. The interest in the experimental attempts to cultivate the tussar silk worm has quite died out in the Balaghat Division, but in Chanda 96 nurseries were established and the worms spread over an area of 461 acres at an expenditure of Rs. 2 only; the cocoons sold for Rs. 115-4-0. Given the trees on which the worms feed, there should not be much difficulty in producing economically the cocoons over a large area of country. The fact that a sum has been realized, small though it be, is an indication that success is possible on a small expenditure, and that if this industry could be made a village affair it would be a boon to innumerable ryots without in any way interfering with their regular occupation.

161. The Gond school at Kolsa is now on a firm footing, and during the year the Chief Commissioner sanctioned the employment of a schoolmaster for it. A special plan was prepared and sanctioned for both out-door and in-door work for the Gond lads, and the state of the school is at present very satisfactory.

Mr. A. E. Lowrie, Forest Divisional Officer, Mr. Gungaprashad, Sub-Divisional Officer, and Mr. A. Hunt, Forest Ranger, Moharli, have all exerted themselves to make the school a success.

162. The existing forest villages in the Balaghat, Bilaspur, Chanda, Chhindwara, Nagpur, Raipur and Seoni Forest Divisions were managed by the Department during the year, and the inhabitants have done good work on fire-protection and other forest works.

163. In the Bilaspur Forest Division at Deogarh a small village is in course of being settled, and the Settlement of Deopur and Tenduchua villages with 12 to 15 houses in each was completed.

164. The determination of areas for excision from the Government forests in the Chhindwara Division was in progress, and will, it is expected, be completed during the current year.

165. It remains only to refer to the services of officers during the year.

The officers of the Upper Controlling Staff present for the whole or the greater portion of the year were :—

1. Dr. E. Dobbs, Deputy Conservator of Forests.
2. Mr. H. A Hoghton, Deputy Conservator of Forests.
3. „ A. E. Lowrie, Officiating Deputy do.
4. „ A. W. Blunt, do.
5. „ P. H. Chutterbuck do.

The members of the Lower Controlling Staff present were :—

Mr. Chunder Kumar Chhatterjee, Extra-Assistant Conservator of Forests.

Khan Sahib Mohamed Ghouse, Extra-Assistant Conservator of Forests.

Mr. N. C. McLeod, Extra-Assistant Conservator of Forests.

„ J. J. Hobday do. do.

„ Ramchander Krishna do. do.

166. The Conservator having only recently joined this circle, is unable to offer any remarks having personal reference to the officers above-mentioned.

167. Forest Divisional Officers have brought to notice the good work done by the following officers of the executive staff :—

Mr. Narain Pershad, Forest Ranger.
„ Gungapershad, do.
„ A. Hunt, do.
„ Ponnuswamy, do.
„ Bhawani Dutt, do.
„ Rama Rao, do.
„ Shama Rao, do.
„ Mathurapershad, do.
„ W. G. Gilmore, do.
„ Chhoga Lal, do.
„ Madho Rao, do.
„ Dhanjishah N. Avasia, Forest Ranger.

168. Divisional office establishments have worked well, and the direction division office establishment under Mr. Jones, head clerk, and Appaswamy, 2nd clerk, has, as usual, worked with a will, and has disposed of a large amount of office business.

G. G. MINNIKEN,

Offg. Conservator of Forests, Southern Circle.

Central Provinces.

Secretariat Press, Nagpur :—21-11-94—300.

No. S $\frac{300}{131}$ of 1894-95.

FROM

R. H. E. THOMPSON, ESQ.,

CONSERVATOR OF FORESTS, NORTHERN CIRCLE,

Central Provinces,

TO

THE CHIEF SECRETARY TO THE CHIEF COMMISSIONER,

Central Provinces.

Dated Jabbulpore, the 8th October 1894.

SIR,

I have the honour to submit the Administration Report of the Forest Department, Northern Circle, Central Provinces, for the year 1893-94, ending with 30th June 1894.

I have the honour to be,

Sir,

Your most obedient Servant,

R. H. E. THOMPSON,

Conservator of Forests, Northern Circle,

Central Provinces.

TABLE OF CONTENTS.

NORTHERN CIRCLE.

	Paras.
Introduction	1—4

CHAPTER I.

EXTENSION AND CONSTITUTION OF STATE FORESTS.

(i) Alteration of area	5—9
(ii) Forest Settlements	10
(iii) Demarcation	11
(iv) Surveys	12

CHAPTER II.

MANAGEMENT OF STATE FORESTS.

(i) *Regulation of management*—	
(*a*) Working plans and their control	13—14
(*b*) Annual plans of operations	15
(ii) *Working of the year*—	
(*a*) Communications and buildings	16—17
(*b*) Protection of Forests from injury	18
(1) General protection and breaches of Forest Law ...	19—21
(2) Protection from fire	22—23
(3) Regulation of grazing and protection from cattle ...	24
(*c*) Improvement of forest growth—	
(1) Natural reproduction	25
(2) Artificial reproduction	26
(3) Early thinnings	27
(4) Other operations for the improvement of the growing stock	28
(5) Experiments	29
(*d*) Exploitation of major forest produce—	
(3) Improvement fellings	30
(4) Coppice fellings	31
(5) Unregulated fellings	32
(*e*) Extraction and transport of major forest-produce by land and water...	33
(*f*) Exploitation of minor forest-produce—	
(1) Extraction of fodder	34
(2) Grazing	35
(3) Miscellaneous produce	36

CHAPTER III.

GROSS YIELD AND OUTTURN OF FOREST PRODUCE.

Departmental operations	37—39
Removal of produce by purchasers	40
Free grants of forest produce	41
Produce removed by right-holders and under privileges	42
Summary of produce removed from the forests	43

CHAPTER IV.

Financial results	44—52

CHAPTER V.

Forest Administration	53—64

BENGAL SECRETARIAT LIBRARY

PROGRESS REPORT

OF

FOREST ADMINISTRATION

IN THE

NORTHERN CIRCLE,

CENTRAL PROVINCES,

FOR THE YEAR 1893-94,

BY

R. H. E. THOMPSON, Esq.,

Conservator of Forests, Northern Circle.

Introduction.

The important events of the year were (1) the appointment of Working-Plans Assistants, one to each Division, with the view to aiding Divisional Officers in compiling Regular Working-Plans. The proposal was sanctioned in Secretariat letter No. 5810, dated the 11th December 1893, and the appointments of suitable officers were made in accordance therewith in this office Circular letter No. G-$\frac{222}{811}$, dated the 14th December 1893. The results of the proposal will be found discussed under Chapter II—Working-Plans.

2. There (2) was a considerable increase in the area of the forests brought under systematic fire protection and protection from grazing. These events will be found discussed in their proper places.

3. Financial results (3) have not been a satisfactory feature of the year's administration, and the explanation for a less revenue being derived than in the previous year is as follows:—

(*a*) Unregulated and indiscriminate fellings by license-holders having been stopped.

(*b*) The limitation imposed on the grazing areas by closing part of the areas of Working Circles against grazing, and wholly against fires, and by the regulation of grazing.

(*c*) The lowering effect in a revenue point of view of the orders of the Chief Commissioner regulating grazing fees and the grant of grazing licenses.

(*d*) The transfer of large forest areas to the Agricultural Department for Ryotwari Settlement, and the consequent free use of nistar and grazing to the ryotwari settlers; also to the fact that forest receipts derived from sale of forest produce and grazing from such areas in Nimar and Hoshangabad not having been credited to the Forest Department but absorbed by the Settlement Department.

(*e*) The indiscriminate and wholly uncontrolled fellings made in malguzari forests by which large quantities of fuel and building wood were thrown on to the markets realising very low prices.

Such excessive cuttings of private forests, not resulting as a consequence from the new malguzari forest rules being enforced, but as a consequence of the want of the necessary controlling powers by Deputy Commissioners with regard to the working of the said malguzari rules.

(*f*) The prevalent food scarcity in the districts of Saugor and Damoh, and the general pressure of want felt in the Nerbudda valley, owing to more than partial failure of the wheat crop, is said to have had to some extent affected forest revenues.

4. There is a tendency now showing itself for forest revenue to rise. Applications are coming in to Divisional Officers for the purchase of standing crops of wood in the coupes allotted for the year 1894-95, and in coupes that were not fully worked over during the previous year. Our new methods of working only require to be understood by the people for them to appreciate what we are doing on their behalf, both as regards to cheapening forest produce and opening up facilities for obtaining it. Much, however, depends on the Divisional Forest Officer whether the tentative period, as effecting the consumer of the produce, is a short or a more prolonged one. In divisions in which the officers in charge have taken a real living interest in their work, there no difficulty has been found in selling all the material cut off the annual coupes; in this particular respect I would mention Mr. Hicks, Deputy Conservator of Forests, in charge of the Jubbulpore Division. Mr. Taylor of Saugor has also made considerable efforts which have been in a way successful, but many more such efforts are still required to be made for complete success to be attained. Mr. Muttannah of Nimar, Mr. Pranjpe now of Betul, and Mr. Alli Muttakki of Damoh, are other examples of personal trouble taken by officers in explaining to the people what the object of our present methods of working is, of showing them the advantages they are likely to derive, by buying up the standing crops of wood allotted for the year's fellings, setting a proper and therefore wholesome example to the subordinate staff, and by opening up facilities for the sale of forest produce—all which efforts must in the end tell in favour of the Department as well as bring credit to themselves, as in every commercial undertaking the consumer will go to the market where he can buy the best material at a cheap rate. We are now making the market both for the domestic and foreign consumer; it lies with the Divisional Officer, therefore, whether he causes this market to be widely known to, and become popular with, the people or otherwise.

CHAPTER I.

Extension and Constitution of State Forests.

1.—*Alteration of Area.*

5. The areas of reserved and unclassed State Forests at the commencement and close of the year are compared in the statement following :—

Class.	At commencement of year.	Changes during the year.		At close of the year.
		Added.	Excluded.	
	Acres.	Acres.	Acres.	Acres.
Reserved Forests ...	6,465,721	4,152	34,181	6,435,692
Unclassed State Forests ...	13,343	.....	.....	13,343

There was a gain of 750 acres in the Mandla Division reserved by Notification No. 2462, dated the 24th May 1894.

In the Saugor Division were excluded by disforestation 118 acres, because of too close proximity to the village sites of the forest boundary. The areas thus excluded were given up to the following villages in extension of existing areas of those villages—

37·38 acres to Marpani from Abchand block, by Notification No. 1790, dated the 12th April 1894.

38·12 acres to Malthone from Malthone block, by Notification No. 1791, dated the 12th April 1894.

42·89 acres to Talgowari from Rangir Reserve, by Notification No. 2842, dated the 21st June 1894.

The *Jubbulpore Division* gained 3,402 acres in certain Forest Reserves and lost in others 17,743 acres by the more accurate calculation of areas from the recent maps prepared by the Superintendent, Forest Surveys. The figures now adopted for this Division are those reported by Mr. Reynolds in his letter No. 40, dated the 10th April 1894.

Hoshangabad Division.—There was a loss of 16,320 acres in existing Class A. Forests, which is according to the correct figure rendered by the Imperial Survey Department on completion of the survey. There is, beside the above decrease, a very considerable error still unadjusted in the total of forest areas hitherto returned for this Division. The differences are now being carefully enquired into and the details worked out. The differences are on the side of proving a considerably smaller forest area for Hoshangabad than heretofore has been assumed.

6. The progress made during the year in the classification of forests will be gathered from the figures in the table below :—

Class.	At commencement of the year in acres.	Changes during the year in acres.		At close of the year in acres.
		Added.	Excluded.	
1.—Reserved forests—	Acres.	Acres.	Acres.	Acres.
A ...	2,539,289	40,774	19,062	2,561,001
B-1. ...	424,590	904,257	7,488	1,321,359
B-2. ...	3,501,842	10,890	959,400	2,553,332
Total Reserved Forests ..	6,465,721	955,921	985,950	6,435,692
2.—Unclassed Forests ...	13,343	...	4,009	9,334
Total of all Classes ...	6,479,064	955,921	989,959	6,445,026

Mandla Division.—The total area now transferred to Class B-1 is 487,757 acres. The land has been marked off and surveyed by the Settlement Department. Proposals for disforestation are now being considered, and will shortly be submitted.

Jubbulpore Division.—The transfer of 1,446 acres to Class B-1, for the formation of ryotwari villages, has been effected. Proposals for disforesting the land have not yet been submitted.

Damoh Division.—18,145 acres from reserved and 4,009 acres from unclassed forests have been marked off and are being surveyed by the Settlement Department. For the present these areas are classed as B-1.

Saugor Division.—The transfers to B-1, shown in the statement, refer to lands required for the production of grass for the cavalry regiment stationed at Saugor. No other transfers were made.

Narsinghpur Division.—All the reserved forests attached to this Division are now borne as Class A—*vide* Secretariat letter No. 4957, dated 23rd October 1893.

Hoshangabad Division.—Proposals are ready for the disforestation of the Charwa tract and the Police Patail villages. The papers will be submitted as soon as maps are supplied by the Settlement Department. In no other division were there changes to record.

7. Classification has been completed in Nimar and in the Narsinghpur Divisions. After the close of the year proposals for the classification of forests and their transfer from Class B-2. to Class A were made. Existing orders require the following procedure to be followed in the case of such proposals:—

The proposals are, in the first instance, drawn up by the Divisional Forest Officer with maps illustrating the proposals. These are examined by the Conservator of Forests, and if found justified, are by him sent to the Commissioner of Division, with the view to getting the opinion of that officer and the Deputy Commissioner of the district on the proposals. If concurrence is intimated, the Conservator then consults the Commissioner of Settlements and Agriculture, and on the latter agreeing to the proposals, then only can they be put up before the Chief Commissioner for his approval and sanction.

The following are the proposals referred to in the opening clause of this paragraph:—

(1) It was proposed to transfer from Class B-2 to Class A the following in the Jubbulpore Division:—

		Acres.
1.	Murwara Range ...	... 70,121
2.	Sihora " ...	... 58,594
3.	Jubbulpore " ...	... 12,567
4.	Burgee " ...	... 32,270
	Total	... 173,552

The proposals after receiving the assent of the Commissioner of Division and Deputy Commissioner, were transmitted to the Commissioner of Settlements and Agriculture in this office letter No. G-145-265, dated the 7th August 1894, but the papers are still with that officer.

(2) Proposals regarding the Damoh Division were forwarded to the Commissioner of Division, Jubbulpore, with letter No. G-453-268, dated the 8th August 1894, but no reply has yet been received from that officer. The proposed transfers will effect areas as follows:—

		Acres.
1.	Southern Range	... 253,880
2.	Central "	... 226,697
3.	Northern "	... 124,334
	Total	... 604,911

(3) In Hoshangabad a proposal to transfer all Class B-2 forests to Class A has been submitted: the scheme deals with the following areas:—

1. Malni block.
2. Nandarwara block.
3. Kesla block.
4. Denwa Nagdwari block.

The proposal has not yet been completely examined by the Conservator, and therefore no further action has yet been taken on it.

A second proposal was submitted by the Forest Divisional Officer to transfer to Class A certain forest areas in the Seoni Range which, under Chief Commissioner's Resolution No. 3140, dated the 1st September 1892, had been indicated as areas in which the extension of cultivation was permissible It would appear that the Divisional Officer at the instance of the Conservator has now included these areas in the Working-Plans drawn up by him according to the provisions of the Forest Department Code, 4th edition, for a part of the Seoni Range, as apparently the Settlement Department had, up to date, done nothing towards taking up the land, nor did it appear likely that cultivation, sufficiently extensive and in a permanent form is likely ever to be developed in the locality. The Forest Officer's proposals to classify this land as A was, therefore, sent to the Commissioner of the Nerbudda Division and Deputy Commissioner of Hoshangabad. Both these officers have fully concurred in the opinion that the land was better adapted for forest than for cultivation. The papers were then forwarded to the Commissioner of Settlements with this office No. G-360-212, dated the 9th July 1894, but that officer in his letter No. 2541-22, dated the 24th July 1894, has vetoed the proposal on the ground that the areas in question had already been set apart under the orders of the Chief Commissioner for ryotwari settlement. So far that is true, but the Settlement Commissioner will, I am sure, be the first himself to admit that all land which has officially been opened out for cultivation is not always found to be fit for any permanent form of land tillage.

(4) It has been proposed as regards the Mandla Division to transfer the remaining forest area in B-2 Class to Class A, amounting in all to 1,080,512 acres. This proposal has not yet been completely examined by the Conservator, as large areas are about to be disforested in that district shortly, and the figures therefore require to be carefully scrutinised.

(5) Similar proposals as regards the Saugor Division have been received whereby the transfer of 436,515 acres of B-2 to Class A are now under consideration.

(6) As regards the Betul Division, steps towards accomplishing forest classification have not yet been taken. The officer who could have made progress with it fell ill in August 1893, and was obliged to take three months' leave; on his return to duty he was transferred to another division. The present Divisional Officer of Betul has not been able to do any classification, as he has been in bad health ever since he took charge of the division. A proposal to classify a large area as B-I, drawn up by Mr. Caccia, former Divisional Officer of Betul—see paragraph 5, page 7, of the Forest Report for 1892-93—was sent to the Commissioner of Settlements and Agriculture, with this office letter No. G-979-655, dated 3rd January 1894; this proposal after being criticised and sundry alterations to be made in it suggested, was returned by that officer. The papers will now be submitted for the orders of the Chief Commissioner.

It will be seen that, with the exception of the Betul Division, considerable work has been accomplished up to the date of this Report towards completing the classification of forests.

8. The following proposals have been received for disforestation on a large scale in the Mandla and Hoshangabad Divisions:—

(1) In the Mandla Division the Commissioner of Settlements has proposed to disforest the lands occupied by 307 village tracts (since all are not populated), but no

maps nor a statement of areas have been received from that officer, although application to him for them was made in this office letter No. G-527-301, dated the 31st August 1894.

(2) For the Hoshangabad Division, proposals to disforest the Charwa tract and certain areas, which were converted into Police Abadi villages at the time when Tantia Bhil raided the country side, were received from the Commissioner of Settlements and Agriculture, but the said proposals were not supported by maps. That officer has been addressed on the subject, and on receipt of the necessary maps, the proposals for disforestation shall be submitted for the orders of the Chief Commissioner.

9. In the Damoh Division a large area of forest land has been taken up for cultivation under the orders conveyed in Secretariat letter No. 72-734, dated the 4th January 1892. It is only now that the work of demarcation and surveying the land has been taken in hand. As soon as maps, with a statement of areas, have been received from the Settlement Department, a proposal for disforesting the land shall be submitted. For the present the land is classed B-1. In August 1892, after the demarcation had been completed of certain tracts taken up for ryotwari villages in the Betul Division, under Chief Commissioner's Notification No. 634, dated 1st March 1892, the Commissioner of Settlements and Agriculture was requested to furnish the Conservator with, by an early date, the correct area and map of each plot thus taken over. That officer now writes to say that he cannot comply with the request made so far back as 1892. Consequently no proposal can yet be made for disforesting the land given over to the Settlement Department under the Resolution previously quoted. The registers of classification of "Fodder and Pasture Reserves" required by paragraph 4 of the orders of the Chief Commissioner, conveyed in letter No. 7582-688, dated the 31st October 1891, to the address of the Conservators of Northern and Southern Circles, were submitted with letter from this office No. S-317-141, dated 23rd October 1893.

2.—*Forest Settlements.*

10. With the exception of Mandla, there were no Forest Settlements in progress in any Division during the year. In Mandla 750 acres underwent Settlement and were reserved (*vide* Notification No. 2462, dated 24th May 1894). A like area will be given up in exchange to Khande Rao, Bhikajee's heir, late malguzar of Kisli. The object of the exchange was to secure the land on which, some years ago, the Forest Department had erected permanent buildings. The tract also includes some fairly good sâl forest. The land offered in exchange is more fit for cultivation than forest.

3.—*Demarcation.*

11. A very considerable progress was made during the year in all Divisions, except Hoshangabad and Betul, in the work of demarcation and boundaries the compilation of boundary registers, and the up-keep of existing boundaries and boundary marks.—

(*a*) *Demarcation.*—From the *Mandla Division* considerable progress is reported in completion of Boundary Registers and of marks put up round the Government Forests, excluding the areas marked off for Ryotwari Settlement.

In *Jubbulpore* some correction was made in boundary marks, which did not correspond with the new survey maps received; the work is still in progress.

In *Saugor* the demarcation of all the Forests is practically completed.

In *Nimar* all A Class Reserves, with the exception of Amba and Assir Reserves in the Burhanpur Sub-division, are properly demarcated.

In Amba and Assir demarcation was not complete, because of the difficulty found in procuring a sufficient supply of labour; it is expected that the work will be completed during the current year.

In all other Divisions, the work of demarcation of forest boundaries has already been completed.

(*b*). *Boundary Registers—Mandla.*—Registers for 1,902 miles of boundary and 10,621 marks have been completed.

Jubbulpore.—Registers for 464 miles of boundary and 4,145 marks completed.

Damoh.—The work in the Northern Range was said to be finished, but, on inspection, was reported to be defective. It will, therefore, have to be revised.

Saugor.—The compilation of registers was completed in the previous year; the work during the year was confined to painting and numbering the boundary marks: thus 15,585 marks were painted and numbered; some of the work done in the year previous was found to be faulty and had to be done over again, as the paint was found to have been washed off by the monsoon rains.

Narsinghpur.—Registers have been prepared and the work completed.

Hoshangabad.—The Forest Divisional Officer reports that the data for compiling boundary registers have not yet been received by him from the Survey of India. It is reported that the traverse data are now completed, and it is expected will be received shortly.

Betul.—Nothing practically was done. Registers that were compiled were found to be full of errors, and were returned to Range Officers. The Divisional Officer himself was unable properly to inspect the forests, and it is, therefore, not surprising that the work of his subordinates should have been carelessly done.

Nimar.—Boundary registers were some time back compiled for all but one small Reserve in this Division. It has, however, since been found that many of the registers are inaccurate as regards a few details. The work of amending the registers is now being done at the expense of the men who were responsible for their correct compilation.

The details of demarcation and boundaries will be found in Form No. 49. All existing boundary lines and boundary marks were kept up in repair during the year. The work accomplished will be seen in the following summary :

Length of artificial boundaries—

(*a*) Demarcated during the year	...	1,136 miles.	
(*b*) Repaired during the year	...	9,384 „	
(*c*) Not repaired during the year	...	551 „	
			11,071 miles.
(*d*) Not demarcated at close of year	...	2 „	
(*e*) Not requiring artificial marks	...	1,122 „	
			1,124
Total length of boundaries	...		12,195 miles.

Cost—

		Rs.	
Of new works	...	3,199	
Of repairs	...	2,331	
			Rs. 5,530

4.—*Surveys.*

12. Operations were in progress during the year in the Nimar and Betul Divisions under the direction of Colonel Wilmer, Deputy Superintendent, Survey of India, and in Narsighpur under the direction of Mr. Reynolds, Superintendent, Forest Survey Branch.

The details of work completed will be seen as follows:—

Colonel Wilmer's work:—

Description of work.	Amount of work.	Cost.	
Detail survey on 4-inch scale in District Nimar	565·33 square miles.		Rs. a. p.
Triangulation for 4-inch scale work in District Nimar ...	430·0 „	Approximate total cost for survey year ending 30th September 1894 ...	93,627 6 1
Do. do. in Betul ...	433·0 „		
Traversing with theodolite for 4-inch scale work in Nimar ...	552·04 linear miles.	Add 4 per cent. for cost of instruments ...	3,745 1 6
Do. do Betul .	314·0 „	Total cost of work ...	97,372 7 7
Classification of forest growth and soil on separate skeleton traces for the Forest Department in District Nimar ...	565·33 square miles.		

These amounts are approximate, and are subject to revision on completion of the computations of traverses.

Mr. W. H. Reynolds reports:—

During the field season of 1893-94, or from 1st October 1893 to 30th June 1894, survey operations by the Imperial Forest Survey Branch, under the direction of Mr. W. H. Reynolds, Superintendent of Forests Surveys, were carried on in the district of Narsinghpur. The detachment under Mr. T. S. Martin's charge took the field towards the end of November and closed the work by end of May.

The following areas were surveyed:—

On 4-inch scale, 138 square miles.
„ 16 „ do. 47 do. 185 square miles.

For all areas surveyed on the 4-inch scale a record was prepared of the forest distribution and the classification of soils. * The 16-inch surveys comprise 373 linear miles of forest boundary, with a strip of topography 5 chains wide on either side of the boundary. The topographical work was tested by running 13 linear miles of check surveys through the work, in addition to running the usual instrumental contours at 250 feet vertical intervals.

As the survey year does not close until the 30th September, it is not possible to give the cost rates of the work for the period referred to (1st October to 30th June), as the mapping and computation charges for the survey year will have to be added before these rates can be deduced.

The cost rates for the year ending 30th September, 1893, were as follows:—

Topographical survey, Mandla District, 4 and 16 inches scales, Rs. 50·6 per square mile.
Narsinghpur do. do. „ 57·9 do.

Triangulation—

Narsinghpur District ... ... Rs. 5·00 do.

*Tracings showing this classification have not yet been received for any portion of the Forests surveyed by this party.

Owing to there having been a pressure of work in the Photozinco office, it was not possible to publish the usual photozinco prints of maps, but for the immediate requirements of the Forest Department cheap ferro-type prints of 57 sheets of the Jubbulpore Division were issued. *

It is expected that the field party working in these Provinces and now under the orders of Captain Bythell, Deputy Superintendent, Imperial Survey of India, will break fresh ground in the district of Damoh during the coming field season. The survey of the forests in Betul by this party was not completed; this survey will now be completed in addition to that of Nimar. The party under Mr. Reynolds is also likely to break new ground in the Saugor District during the ensuing field season, though there is still considerable work yet to be done in Narsinghpur.

CHAPTER II.

MANAGEMENT OF STATE FORESTS.

I.—Regulation of Management.

(a).—*Working-Plans and their Control.*

13. The following additional work was done during the year under the Provisional Working-Scheme in the formation of new Working-Circles in areas the mangement of which required to be regulated :—

(a)	Brought under coppice treatment, 14 circles	...	area	332,943 acres.
(b)	Brought under improvement fellings, 39 circles	...	„	314,615 „
		Total	...	647,558 „

The total number of Working Circles, inclusive of those formed in the year previous, now provisionally established under the Provisional Working-Scheme and the method of treatment proposed for them are seen in the table following :—

Division.	Method of treatment,—Coppice with reserves.		Method of treatment,—Improvement fellings.		Total.	
	Number of Circles.	Areas in acres.	Number of Circles.	Areas in acres.	Circles.	Areas in acres.
Mandla ...	112	199,711	...	...	112	199,711
Jubbulpore ...	13	123,113	3	50,287	16	173,400
Damoh ...	20	173,818	30	164,639	50	338,457
Saugor ...	30	78,298	4	30,065	34	108,363
Narsinghpur ...	9	64,309	1	13,067	10	77,376
Hoshangabad ...	19	161,816	8	175,661	27	337,417
Betul ...	30	13,800	3	102,164	33	115,964
Nimar ...	32	242,546	3	96,379	35	338,925
Total ...	265	1,057,411	52	632,202	317	1,689,613

* Maps are still incomplete for this Division.

The Provisional Working-Circles are fire-protected; in most of them grazing has already been regulated. For some, Regular Working-Plans, drawn up accord-

ing to the provisions of the Forest Department Code, 4th Edition, have been compiled. These are, with the exception of a few, now in the press. Some of the plans were seen and approved by Mr. H. C. Hill, Officiating Inspector-General of Forests, at the time of his but too short visit to this circle in March 1894.

Till Regular Working-Plans take the place of the Provisional Working-Scheme, the management of the Working-Circles will be regulated by the provisions prescribed in the latter. This Provisional scheme is in itself a Working-Plan, but it is now being rapidly replaced by Regular Working-Plans. In the table below will be found an abstract of the progress made during the year in compiling Working-Plans in accordance with the provisions of the Forest Department Code, 4th Edition :—

Division.	Areas for which Working-Plans have been completed.		Areas for which Working-Plans are being compiled		Areas for which Working-Plans have still to be taken in hand.	Total Forest area as in Form No. 46.	Entire cost, per square mile of Working-Plans completed	Remarks.
	At commencement of the year.	During the year.	At commencement of the year.	Taken in hand during the year.				
1	2	3	4	5	6	7	8	9
	Sq. Ms.	Sq. Ms.	Sq. Ms.	Sq. Ms.	Sq. Ms.	Sq Ms	Rs.	
Mandla ..	...	37	..	...	2,018	2,055	Cost up to June 30th 1894, exclusive of printing, Rs 15,663; or average per square mile Rs. 16·1.	
Jubbulpore ...	...	88	...	...	444	532		
Damoh ...	...	90	...	...	709	799		
Saugor ...	...	89	...	...	656	745		
Narsinghpur ..	..	129	...	...	133	262		
Hoshangabad ...	...	257	...	...	925	1,182		
Betul ...	...	164	...	...	913	1,077		
Nimar ...	...	119	...	160	1,059	1,337		
TOTAL ...	...	973	..	160	6,856	7,989		

The number of Working-Plan Reports completed during the year is 36; the number of Working-Circles now provided with regular plans is 80 ; and the areas covered by the plans aggregate 623,153 acres, which is equivalent to 973 square miles. At the close of the year in the Nimar Division 9 plans, covering 160 square miles more, were in hand. In the current year it is expected that Regular Working-Plans will be completed for 2,000 square miles of forests, and the cost reduced from Rs. 16 per square mile, or thereabouts, to about Rs. 10 per square mile, now that the Working-Plans Assistants have gained experience in the field work.

14. To secure uniformity, and at the same time to direct the attention of the Working-Plans Assistant to the chief points which had to be observed while he was in the forests, and regarding which data were required to be recorded, there were issued to him, through the Divisional Officer, the Working-Plan Officer's Note-book, with printed headings and references to the pages of D'Arcy's Book on Working-Plans. There were also issued, at the same time, printed forms of Working-Plan Reports with the headings printed in accordance with the provisions of Section 87 of the Forest Department Code, 4th Edition. The

Working-Plans Officer was therefore required to write up, while in the forest, the note-book, in the first instance, one for each Working-Circle, and then to draft the information thus recorded into the printed forms for the Working-Plan Reports. At the request of the Chief Commissioner, copies of the Note-book, Working-Plan Report and instructions issued with them, have since been supplied to the Conservator, Southern Circle.

In Appendix A. will be seen the details, given in a statement of the Working-Circles, for which regular plans have been compiled, their areas and methods of proposed treatment. The plans are so far finished, and are now, with a few exceptions, in the press. Those for Beria, Gharakota, Rangir and Hathko Working-Circles have been received back complete in print, and it is expected that the printing will be completed for all by November 1894. The methods of treatment proposed are those of coppice with standards, or a stock of reserved trees being left on the ground, and improvement fellings, with a combination of these two methods in the case of some forests. The existing condition of the forests requires a treatment on the lines proposed. A certain amount of forest area must always be worked as coppice with standards in the interests of the people, who require small poles, agricultural wood and fuel. In fact the State cannot do better than work its forests by conforming with the existing demands for forest produce. We have heard a great deal lately about letting our forests grow up into larger wood, not meant to supply any present demand, because none exists, but to meet, if any, the demands of the future. There is no objection to this policy being carried out, provided existing arrangements adequately provide for the present wants of the people who require small wood to build their houses with, also wood for agricultural purposes and fuel. These wants supplied, there can be no objection to the more important forests capable of growing heavy timber being managed with a view to the production of trees of large size to meet the future requirements of the country and its trade should such arise. In this connection I would invite attention to the remarks found in paragraphs 11—13 of the Forest Administration Report, Northern Circle, for the year 1892-93, printed at pages 10—14, and to say that the works reported as completed, and those projected have, since these remarks were written, received further attention during the year, both as regards maintenance and the following up of the principles enunciated in reference to the compilation of Regular Working-Plans. The basis on which management of the forests in this Circle is now carried on will be found stated in paragraph 13 of the Report for the previous year.

(*b*).—*Annual Plans of Operations.*

15. These were submitted for all divisions, except Hoshangabad, and sanctioned by the Conservator of Forests. In Mandla, Jubbulpore, Damoh, Saugor, Narsinghpur and Nimar, the provisions could not be followed out completely owing to the want of labour and the admitted insufficiency of the working staff.

II.—Working of the Year.

(*a*).—*Communications and Buildings.*

16. The subjoined is a concise summary of the works completed, with their cost, during the year; details will be found in Form No. 51 :—

1.—*Roads.*

39½ miles of new roads were made at a cost of Rs. 1,293
283 miles of existing roads were repaired at a cost of „ 1,110

2.—*Buildings.*

New—74 new quarters for field establishment (one still under construction) were built at a cost of	Rs.	2,070
14 wells were dug out at a cost of	„	530
Total ...	„	2,600
Old—11 Rest-houses were repaired at a cost of ...	Rs.	242
202 old quarters for field establishments were repaired at a cost of ...	„	1,262
2 wells were repaired at a cost of ...	„	53
Total ..	„	1,557

Total cost of works was :—

Roads—new ...	Rs. 1,293		
Repairs ...	„ 1,110		
		2,403	
Buildings—new ...	Rs. 2,600		
Repairs ...	„ 1,557		
		4,157	
Total ...		Rs.	6,560

Expenditure under this head during the year 1892-93 was Rs. 15,483.

17. Owing to the field establishments having had so much to do, most of the works projected were not taken in hand during the year. It was found quite impossible to carry on the works by departmental agency, as qualified men for the supervision of the works could not be spared from other important duties connected with forest organization, and contractors were not forthcoming. A few contractors have since been secured who appear to be willing to take up both road-making and buildings during the ensuing season. All, or nearly all, our Working-Circles are reached by fairly good, though rough, cart-tracts which, with little repair, have served well during the year as lines of export.

(*b*).—*Protection of the Forests from Injury.*

18. The measures taken in the past years for the protection of the forests from injury, continued to be enforced during the year under report. An additional area, amounting to 338,240 acres, were brought under systematic fire-protection.

1.—*General Protection and Breaches of Forest Laws.*

19. The number of forest offences in 1892-93 was 2,831, while the number in 1893-94 was 2,018 or 813 less than in the year previous, which was a fifteen months' period.

With the exception of Jubbulpore, the number of forest offences in all other Divisions has been less. The decrease is reported partly to be due to the unregulated fellings having been stopped, and partly to the protective establishment being insufficient for proper protection, owing to the many duties now required from it in connection with the systematic working of the forests.

It is said, with a show of plausibility, that some forest offences may have escaped detection. I am, however, of opinion, that the true cause of the decrease in the number of forest offences is to be found in the fact that irregular fellings made, when and where the people liked, over the vast areas of forests that formerly were open to them, having now been stopped. There are no harder worked Divisions than Jubbulpore, Hoshangabad and Nimar in which there is no abnormal deviation to be found from previous figures.

Any comparison with the figures for 1892-93 is however vitiated, as the figures for that year were for a period of fifteen months, while those for the year under report are for a period of twelve months only.

It is, however, satisfactory to know that the number of forest offences, even after making all allowances for the unequal periods for which the figures are compared, have considerably lessened in number Among other causes for this satisfactory state of matters may also be cited the cheapening of forest produce and grazing to the people, regulating of grazing fees, the taking up of large tracts of forest lands by the Settlement Department, and the provision in those areas of free grazing for cattle, free wood for building and agricultural purposes, and free fuel to all tenants now in the settled ryotwari villages. These concessions have therefore removed, so far as the ryotwari areas are concerned, some of the principal motives for the people committing forest offences.

The foregoing remarks bring together sufficient and valid reasons as a satisfactory explanation for the decrease in forest offences now reported without, as the Deputy Commissioner of Mandla and the Divisional Officer of Nimar have done, in ascribing the decrease in the number of forest offences in those Divisions to crime as probably not having been detected.

Division.	Injury to forests by fire.			Unauthorized felling of timber, &c.			Grazing without permission.			Other offences.			Total.		
	1892-93.	1893-94.	Difference	1892-93.	1893-94.	Difference.	1892-93.	1893-94.	Difference.	1892-93.	1893-94.	Difference	1892-93.	1893-94.	Difference
Mandla ...	3	5	+2	177	95	—82	93	41	—52	62	23	—39	335	164	—171
Jubbulpore ...	...	1	+1	106	184	+78	83	89	+6	51	4	—47	240	278	+38
Damoh	...	...	...	290	175	—121	106	78	—28		...	...	402	253	—149
Saugor ...	16	2	—14	436	393	—43	401	305	—96	117	70	—47	970	770	—200
Narsinghpore ...	2	10	+8	101	33	—68	23	8	—15	..	...	...	126	51	—75
Hoshangabad ...	14	4	—10	78	53	—25	37	43	+6	2	14	+12	131	114	—17
Betul ...	7	19	+12	259	113	—146	60	68	+8	24	...	—24	350	200	—150
Nimar ..	5	3	—2	145	85	—60	119	99	—20	8	1	—7	277	188	—89
Total ..	47	44	—3	1,598	1,131	—467	922	731	—191	264	112	-152	2,831	2,018	—813

20. It will be seen that the number of offences compounded during the the year, compared with the year previous, was likewise fewer; the comparison is made below :—

			Cases.	Persons
Compounded	in	1892-93 ...	2,614	6,790
Do.	„	1893-94 ...	1,923	5,383
Acquitted	„	1892-93 ...	99	288
Do.	„	1893-94 ...	31	78
Pending at close of year in 1892-93 ..			139	...
Do.	do.	1893-94 ...	68	...

The total sums paid as compensation during the two years are compared as follows :—

		Rs.
Paid in 1892-93	...	8,396
Paid in 1893-94	...	7,350

Paid as compensation by each offender :—

The average was { in 1892-23 ... Rs. 1 3 9 / in 1893-94 ... Rs. 1 5 10 } per individual.

21. The total number of forest offences prosecuted in the Criminal Courts during the year 1893-94 is less by 34, the figures for the two years being respectively 162 and 128. A large decrease is noticeable in Saugor, namely 45; the decrease in Saugor would have been greater had it not been that owing to the pressure of starvation, because of the failure of the wheat crop, the forests were thrown open to the people for the removal of fuel and minor forest produce free of charge. The existing forest establishment in that district was doubtless not strong enough to cope fully with the crowds of people who resorted to the forests for a living, but in comparison with the enormous help the forests have been to the people in tiding over what otherwise might have become a serious calamity, a few forest offences more or less are simply of no account.

An increase of 20 offences are noticeable in Betul; the explanation of this increase is that most of the offences were in relation to injury to the forests by fire, and of grazing in the forests without permission.

The following statement shows the result of prosecutions of forest offences during the past two years :—

		1892-93	1893-94.
Prosecuted	... ...	162	128
Convicted	... ...	125	98
Acquitted	... ...	35	24
Percentage of convictions	...	78	77

In the past year six cases were pending in Court, against two cases in the year previous. For details see Form No. 52.

2.—*Protection from Fire.*

22. An additional area was brought under systematic fire-protection during the year which is mostly due to the new forest areas taken up for systematic working and areas for which Regular Working-Plans have been made. The average cost per square mile of forests successfully protected in 1892-93 was at the rate of Rs. 5-14-5, as against Rs. 5-15-2 for the year 1893-94; the increased

cost is a trifle more than that of the previous year. Protection was not so successful as it was in the year 1892-93, as the year under report was a most difficult one for keeping down fires; especially was this the case in the Damoh and Saugor Divisions. Not only was the season very dry, but owing to the failure of the wheat crop and the pressure of famine in these districts, the forests were (by direction of the Chief Commissioner) thrown open to the starving people in order that they might remove forest produce such as edible roots, fruits, leaves, &c., and fuel from dead-wood picked up in the forest, free of charge.

Numerous forest fires are reported as one of the results of throwing open the forests, but I scarcely think that a sufficient cause. The prevailing drought and high winds had probably more to do with spreading the fires than anything else, except it be that some of the local forest staff was found to be wanting in its duties, and the members of which have in consequence been severely punished. Large fires occurred also in the forests of the Burhanpur range of the Nimar Division, which are reported as being partly due to the inexperience of some of the men employed on protection for the first time, as the year 1893-94 was in which systematic protection was commenced on a large scale in this range, and partly to the difficulty of obtaining labour in extinguishing fires, owing to the country in the vicinity of the Government forests being sparsely populated.

The total forest area successfully protected, compared with the previous year, is as follows:—

		Square miles.
1892-93	...	... 3,550
1893-94	...	... 3,893

23. The following table shows the general results of the year's efforts at systematic fire protection:—

Divisions.	Areas under organized protection			Result of protection during the dry season of 1893-94.		Percentage of failures to areas attempted.	Cost during the dry season.	Average cost for areas attempted.		Average cost for areas successfully protected.	
	During 1892-93	Added during 1893-94	Total.	Successfully protected.	Failed.			Per acre.	Per square mile.	Per acre.	Per square mile.
	Acres.	Acres.	Acres.	Acres.	Acres.		Rs.	Pies.	Rs. a. p.	Pies.	Rs. a. p.
Mandla ...	409,036	6,724	415,760	405,827	9,933	2·3	4,648	2·14	7 2 7	2·19	7 5 3
Jubbulpore ...	*1 56,598	519	157,117	157,003	114	0·07	1,964	2·40	8 0 3	2·40	8 0 3
Damoh ...	195,946	3,243	199,189	150,692	48,497	24·3	470	0·45	1 8 2	0·59	2 0 0
Saugor ...	117,715	7,500	125,215	115,322	9,893	7·9	690	1·05	3 8 7	1·14	3 13 4
Narsinghpur ...	85,734	9,833	95,567	92,347	3,220	3·3	544	6·46	3 10 5	1·13	3 12 5
Hoshangabad ...	537,285	318,551	855,836	853,076	2,760	0·3	4,241	0·95	3 2 9	0·95	3 2 11
Betul ...	354,467	...	354,467	348,799	5,668	1·6	4,682	2·53	8 7 5	2·57	8 9 8
Nimar ..	390,485	27,349	417,784	373,904	43,880	10·5	5,929	2·72	9 1 5	3·04	10 2 5
Total ...	2,247,216	373,719	2,620,935	2,496,970	123,965	4·7	23,168	1·70	5 10 6	1·78	5 15 0

* *Minus* 25,047 acres, being the area of some of the Working-Circles taken twice over in Form No. 53 for 1892-93.

In all Divisions, with the exception of Hoshangabad, fire-protection was carried out by burning with fire traces and the employment of paid fire-guards as watchers. In Hoshangabad an excellent system prevails by which general protection is successfully ensured to the forests, by a process under which the people have been taught not to light fires; or, if they do happen to light forest fires, they have got to put them out before they can spread.

The failures amounted to 4·7 per cent. of the areas attempted, as against 0·23 per cent. in the year previous. The failures in Damoh, Saugor and Nimar amounted to 24·3, 7·1 and 10·5 per cent. of the areas attempted; the probable reasons for these failures have already been explained.

The usual statement showing forest areas not systematically fire-protected, but which are supposed to have escaped from fire, has not been inserted in this Report, for the reason that I seriously doubt the correctness of the returns which have been submitted by range officers. Divisional Forest Officers will have in future to exercise greater care and caution that these returns are compiled with more accuracy than is manifestly the case in the present instance.

3.—*Regulation of Grazing and Protection from Cattle.*

24. The forest area of the Circle is 10,076 square miles, 1,144 of which were closed to all animals, and 2,658 to browsers throughout the year. The remaining 6,274 square miles were open to grazing. Excluding from this latter all B-1 Class areas and unclassed forests, which altogether amount to 2,093 square miles, the actual forest area open to grazing was, therefore, 4,181 square miles. The figures given in the table below compare with those for the year 1892-93:—

	1892-93. In Square miles.	1893-94. In Square miles.
1. Closed to all animals—		
Whole year	... 924	1,144
Part of year	... 10	...
2. Closed to all browsers—		
Whole year	... 2,760	2,658
Part of year	... 3	...
Total in square miles	... 3,697	3,802

For details see Form No. 54.

(c).—Improvement of Forest Growth.

1.—*Natural Reproduction.*

25. A few notes recording the observations of individual officers under this head are given in Appendix B. It is sufficient to state here that the great factors favouring natural reproduction are the absence of fire and grazing from the forests, provided also that the locality is favourable.

A dry climate, combined with high temperature, is unfavourable to the formation of surface *humus*, which is so common a feature in forests of more temperate climates. Earth-worms in the Indian forests play an important part in disposing of the forest litter and dead leaves, &c., by pulling them into

their burrows and feeding on them. In a way, the organised material thus disposed of is not lost to the forest soil. Mr. Caccia's remarks, given in the Appendix, on the absence of *humus* from the forests, may be read with interest.

2.—*Artificial Reproduction.*

26. The working scheme prescribed the sowing up of favourable blanks in areas in which fellings were allocated in the past year. The Mandla Division did very little in this way. For seed plots, 4' × 4', holes of those dimensions were dug and the seed sown at the bottom: very little success followed this treatment.

The work done and the success attained in the remaining seven Divisions will be seen in the following summary:—

Jubbulpore.—In blanks in four Working-Circles, *viz.*, Dobhi, Majhgawan, Lower Gour and Baghrajee, the following acres 9, 15, 31 and 4½, respectively, were sown with seeds of the species best adapted to the locality in prepared plots 4' × 4' and 20 feet apart; some seeds were also sown broadcast. The seeds germinated freely, and the majority of the seedlings which have survived the past hot season are progressing favourably (especially the saj, koha, mowha and bamboo). The seedlings from plot sowings in Lower Gour and Dhobi are reported from 6 to 8 inches high.

Saugor.—Small areas were sown up with bamboos in five Working-Circles with varying success.

In *Garhakota* a large area was taken in hand; it was intended to work 100 acres, but it was found impossible to do more than take up about 80 acres, in which 10,012 pits were prepared, 2 feet square and 20 feet apart. Teak seed was collected from all parts of the district and sent to Garhakota; these were thickly sown on the surface of each plot, but there were no signs of germination reported up to the 15th July 1894.

Damoh.—Under sowing operations, particular attention was paid to collect seeds of various species from the best trees procurable within the area. The sowing was effected in prepared beds of 4' × 4' in the Working Circles.

The following statement will show the number of beds sown in the various Working-Circles:—

Range.	Working Circle.	Number of beds sown.	Area in acres.
Northern Range ..	1. Imlipani. 2. Achalpura. 3. Sagoni. 4. Imlia. Purana Khera Block in Mariado Sub-Range.	667	23
Central Range ...	5. Mugra. 6. Punda. 7. Rajnagar. 8. Umraho Jamoonia. 9. Jamoonia Balakote. 10. Balakote. 11. Sonikhera.	589	14½
	12. Boria. 13. Kotkhera. 14. Jamoon. 15. Mahgawan. 16. Singhpur 17. Saondai. 18. Parna. 19. Tilgawan. 20. Selwara.	1,235	19½

Besides this, about one acre in the Kishun Talao Forest was also sown with seeds of teak, shishum, bija, saj and bamboo, &c. The total number of beds in the acre was 57.

Narsinghpur.—In 270 acres, seeds of various species was sown last rains, but which partly failed in germination. The area has again been taken in hand this year.

Hoshangabad.—A few teak trees were planted at Hirapala in the Bori Range, otherwise nothing was done.

Betul.—Seeds of the more valuable species, such as teak, saj, &c., were sown in almost all the coupes of last year. In some cases the soil was worked up and the seed sown in lines 5 feet apart at a distance of 5 feet between each plot; unfortunately, this experiment has, in most cases, been a failure. The cost was *nil*, as the people who did the coppice fellings carried it out as part of their work. Wild pigs in many instances helped towards the failure.

Nimar.—The following operations were carried out. In Dhamangaon Working-Circle 40 pounds of bamboo seeds were sown in all promising localities over an area of 10 acres.

In Ajnal Working-Circle 40 pounds of bamboo seeds were sown over 5 acres.

In Mandwa Reserve 8 acres were sown over with bamboo seeds.

In Tokerkhera Working-Circle 2 acres were sown over with teak, bija and saj seeds.

In Amnala Working-Circle 1 acre was sown over with teak and saj seeds.

In Kirgaon Working-Circle, the coupe No. I, about 1½ acres, were sown over with teak, saj and dhawa seeds.

The operation, judging from what I saw in the last touring season, has not proved a success. Probably, during this year, some of the seeds will germinate, so the beginning of the next cold weather will be the proper time to judge the results of the operation.

3.—*Early Thinnings.*

27. No operations carried out during the year.

4.—*Other Operations for the Improvement of the Growing Stock.*

28. The statement below shows the work done during the year in cutting out destructive climbers :—

Division.	Block or Range.	Area over which cutting extended, in acres.	Number of climbers cut.	Cost of operations.	Remarks.
				Rs. a. p.	
Mandla ...	Dindori ...	...	577	5 4 0	
	Mandla ...	...	560	5 4 6	
	Banjar ...	...	930	9 14 3	
	Motinala ...	...	6,117	11 1 9	
	Jagmandal ..	...	4,292	42 2 0	
	Shahpura ...	...	4,381	2 15 0	
Jubbulpore ...	Barela ...	25	9,280	10 0 0	
Saugor ...	Garhakota ...	201	2,640	...	
	Tigora ...	77	1,555	...	
Hoshangabad ...	Rajaborari ...	211,380	14,865	...	
	Total ...	211,683	45,197	86 9 6	

Destruction of climbers over an area of 2,257 acres in different Working-Circles of the Jubbulpore Division, and in the Northern Range of the Damoh Division, over an area of 9 acres, was carried out, but no details are reported.

In Hoshangabad also climbers were cut over an area of 995 acres in the Sohagpur, Seoni, Harda and Hoshangabad Ranges, but the number of climbers cut out has not been reported.

The Forest Divisional Officer, Betul, has also failed to report any details of the work done in his Division, he, however, states that climbers were cut in all areas that were coppiced during the year.

Some work was done in eradicating destructive climbers from the annual coupes of the Working-Circles in Saugor by Forest guards, but no account has been kept of the number thus destroyed.

5.—*Experiments.*

29. In Mandla Hurra* seed was sown in 4,092 plots prepared in the different Working-Circles. Most of the young plants after germinating died off, obviously from the fact that the locality was unsuited for this species. Rupees 152-2-10 were spent on the work, and the result on the whole is a failure. In Jubbulpore pollarding of palas, ber, salai and gunja was tried—in order to produce fire-wood from Talai and gunja, and bring the other trees into a proper condition for the cultivation of the lac insect—in Block No. 9, Bhainswahi Working-Circle, but no results can be recorded at present; 50 acres of land in the Seoni Range of the Hoshangabad Division were let out for the cultivation of the tussar silk worm; 2,000 seed cocoons were obtained, and the yield was 5,700 cocoons—a poor result. Seed lac was spread over 2,000 trees in Mowar and 700 trees in Chilanrapura in the Bhowargarh Range of the Betul District. The operation was carried out under the supervision of Mr. St. Joseph, Forest Ranger. The result cannot just now be known, but there is every prospect that the work will prove a success. No other operations were carried on under this head.

* *Terminalia chebula.*

(*d*).—Exploitation of Major Forest Produce.

3.—*Improvement Fellings.*

30. The operations were carried out on the basis of the Provincial Working-Scheme, and the results were as follows:—

In *Jubbulpore* 5,877 acres of the Gangai Working-Circle was proposed to have been worked, but it was not taken in hand because of excessive cuttings then going on in the Malguzari Forests which would have interfered with sales. Of 519 acres of Ballarpahar compartment, taken in hand in the Kalpi Working-Circle, only 346 acres were cut over, and the outturn from a light weeding out of inferior growth resulted in 442 cart-loads of fuel, of which 130 cart-loads were removed, and 312 cart-loads still remained in the forest at close of the year. All the material cut out was easily sold. The cutting was done by a contractor. Trees to be removed were previously marked. In the Imjher and Sourai Working-Circles of the Northern Range, Damoh Division, 731 injured teak trees were selected and cut out from an area of 312 acres. In the Saugor Division, in compartment No. I of the Garhakota Reserve, 7,233 trees of varying sizes and species were selected and marked over an area of 201 acres, and in the Tigora Reserve 6,693 trees were similarly selected and marked over an area of 77 acres. Some of the marked trees in the Garhakota Reserve were removed on provisional sanction to the Working-Plan being accorded by the Conservator; but

nothing has as yet been felled in Tigora, as the Working-Plan for this forest is still unsanctioned. In the Bori Forests of the Hoshangabad Division, 1,289 teak trees of varying girths, but none under 3 feet, were selected, marked and sold standing to contractors. The cubic volume of the trees measured 21,861 feet. There were also sold 2,671 Timsa poles (*Ongenia dalbergioides*) measuring 45,407 cubic feet of and above 18 inches in girth. An area of 1,607 acres in the Punasa Reserve and 4,816 acres in the Chandgarh Reserve of the Nimar Division were also treated under light improvement fellings, according to the dictates of the Provisional Working-Scheme.

4.—*Coppice Fellings.*

31. Fellings in 1892-93 were carried out by departmental agency, with the view to obtaining correct data as regards yield. During the year under report little was actually done departmentally, but the coupes were opened out to purchasers, who, in a few instances, purchased the standing crop at an acre rate, but the principal fellings were done by license holders, under the provisions approved in Chief Commissioner's Resolution No. 102, dated the 5th January 1893, and those also provided to that end in the Working-Scheme.

It will be seen from the figures below to what extent the fellings were carried out departmentally and otherwise :—

Division.	Area coppiced in acres.	Outturn in tons.		Total outturn in tons.
		Timber.	Fire-wood.	
Mandla	...	472	814	1,286
Jubbulpore	1,737·50	447	15,871	16,318
Damoh	...	247	7,548	7,795
Saugor	290	181	9,768	9,949
Narsinghpur	68	497	2,018	2,515
Hoshangabad	995	2,313	15,582	17,895
Betul	375	1,265	4,846	6,111
Nimar	22	1,594	6,725	8,319
Total ...	3,487·50	7,016	63,172	70,188

Two Divisional officers, namely, of Mandla and Damoh, have not yet reported the acreage cut over by consumers and purchasers.

As explained in the introduction to this Report, the demand for wood and uel from the Government Forests was far from being a heavy one. There is, however, now every sign of an improvement in this demand setting in, since the people have come to learn that the new scheme of forest management is more to their advantage than otherwise.

5.—*Unregulated Fellings.*

32. These were directed to be entirely stopped from the 1st April 1893—*vide* Chief Commissioner's Resolution No. 102, dated the 5th January 1893. It has, however, been reported during the year that a certain number of

Khair trees (*Acacia catechu*) had been felled in Block No. 15 of the Northern Range, and also in Block No. 36 of the Southern Range, of the Damoh Division, by catechu manufacturers. Apparently a contract for this manufacture was given out by Mr. Pranjpe, the late Forest officer, with the approval of the Deputy Commissioner, Damoh, but without informing the Conservator who was kept in entire ignorance until the matter was reported by the new Divisional Forest officer who succeeded Mr. Pranjpe in October 1893. Strict instructions have since been issued to the Forest officer to adhere to existing orders on the subject.

In the Hoshangabad and Nimar Divisions unregulated fellings were permitted in the areas marked off for Ryotwari Settlement, of which the Settlement Department has not yet taken possession.

The material removed from the forest was :—

		Katha. Maunds.	Timber. Tons.	Fuel. Tons.	Bamboos. No.
Damoh	...	46	...	...	...
Hoshangabad	...	...	2,129	10,016	1,820,160

(*e*).—Extraction and Transport of Major Forest Produce by land and water.

33. No departmental operations were carried out during the year, but the following materials were transported by land from the forests of Damoh, Saugor and Narsinghpur by purchasers :—

Timber.	Fuel.	Bamboos.
cubic ft.	cubic ft.	No.
25,727	361,134	753

Floating, by petty traders, of bamboos in the Mandla Division and of teak in the Hoshangabad Division was undertaken, but no details of the work have been given in the Divisional Officers' reports. All major produce derived from valuation fellings that were made over an area of 220·5 acres in the Nimar Division, was extracted and transported by purchasers and consumers partly by water and partly by land. Most of the produce removed from the Punasa and Chandgarh Reserves was floated down the Nerbudda River.

Information regarding the movements of forest produce within or to points outside of the limits of this circle still requires to be followed out and got up by Divisional officers in a more useful form than it can now be presented.

(*f*).—Exploitation of Minor Forest Produce.

1.—*Extraction of Fodder.*

34. In the following summary will be seen the extent to which the year's operations were carried out :—

In *Mandla* 17 tons of fodder grass were sold to purchasers.

In *Jubbulpore*, owing to the deterioration of grass in the A Class Forest of Lower Gour, owing to the growth of thorns, and the Jubbulpore Municipality having undertaken to supply all demands for grass taken off the catchment area of the Jubbulpore Waterworks, only 23 tons of fodder grass were cut under departmental agency and sold to the public.

In *Damoh* 217 tons of fodder grass was sold to purchasers, and in addition to that 7 grass *birs* were sold by auction.

In *Saugor* the quantity of grass removed by license holders was 1,643 tons, in addition to the grass *birs* leased out to contractors.

In *Narsinghpur* about 23 tons of grass were removed by purchasers, and certain grass *birs* were also leased out.

In *Hoshangabad* 1,171 tons of grass were removed by purchasers, and 18 *birs*, with an aggregate area of 1,150 acres, were leased out.

In *Betul* 3,731 tons of fodder grass were sold to license holders.

In *Nimar* 11,425 tons fodder and thatching grass were exploited by licensed holders.

Revenue from grass compared for the two past years :—

		Rs.
1892-93	(15 months) ...	17,464
1893-94	(12 „) ...	12,923

2.—*Grazing.*

35. Comparing the total number of animals of all kinds brought to the forests to graze during the 12 months of the Forest year 1893-94, with the numbers which grazed during the Forest year 1892-93, a period of 15 months, the differences will be seen below :—

		1892 93.	1893-94
Buffaloes	...	2,07,248	1,90,040
Cows and oxen	...	10,63,259	9,91,480
Goats and sheep	...	84,158	62,617
Other animals	...	1,330	1,052
Total	...	13,55,995	12,45,189

If, however, the totals be taken for equal periods (*i. e.*, 12 months in each case) and compared, there is still a large difference in the number of animals driven to the forest to graze during the year 1893-94 :—

		1892-93.	1893-94.
Animals of all kinds	...	13,27,102	12,45,189
Difference, *less*	...	...	81,913

This difference is explained as follows :—(1) Because of the action of the orders of the Chief Commissioner amending and regulating grazing in the Government Forests promulgated with the Resolutions quoted in the margin; (2) to the contraction of grazing areas by the extension of areas closed to all animals ; (3) to the Settlement Department realizing grazing fees from areas set aside for ryotwari purposes, and to free grazing and nistar being allowed within forest areas which have been marked off for cultivation and settlement as ryotwari holdings ; and (4) to the out-break of cattle disease in the Saugor District, and to much loss of cattle in the Mandla District in April 1893 from severe hailstorms and floods.

No 2754, dated the 5th August 1893
No 102, dated the 5th January 1893

Receipts from grazing are compared below :—

	Rs
In 1892-93 (15 months)	2,67,349
In 1893-94 (12 „)	2,38,971
Difference	28,378

For details see Annual Form No. 55.

3.—*Miscellaneous Produce.*

36. The myrobalan crop was larger than in the previous year.

In Mandla 33,668 maunds were collected departmentally, as against 10,470 maunds collected in the year previous. Of the outturn of the year 14,558 maunds were transferred for sale to Jubbulpore, thus making, with the previous unsold balance at that depôt a total of 28,883 maunds. Nothing of this stock was sold during the year because of the low prices offered for the article, and so it was thought prudent to put off sales till there was a favourable rise in the market value of the product.

The total quantity of myrobalans in stock on 1st July 1894 at Jubbulpore and forest depôts was—

			Maunds.
At Jubbulpore	...	...	28,883
In Forest depôts	...	...	20,517
	Total	...	49,400

The stock at Jubbulpore, valued at Rs. 2-14-0 per maund of 82 lbs., the price which prevailed during 1892, is Rs. 83,039. As previously explained, there was no revenue from sales of myrobalans during the year of those collected departmentally, while the value of sales during the previous year amounted to Rs. 23,750.

Total revenue from miscellaneous produce during the two years is compared below:—

	Rs.
1892-93 (15 months)	63,101
1893-94 (12 „)	27,360
Difference, *less*	35,741

CHAPTER III.

Gross Yield and Outturn of Forest Produce.

Departmental Operations.

37. Departmental operations were undertaken in some Divisions only during the year under report; myrobalans and other minor produce were collected and transported to a market. No large timber was felled or worked out, as such operations are discourged in favour of selling the heavy wood standing; coppice fellings were carried out by departmental agency to a small extent.

The figures in the statement following show the gross outturn of timber and other forest produce resulting from departmental operations during the year:—

Description of produce.		1892-93.	1893-94.	Difference in 1893-94	
				More.	Less.
		Tons.	Tons.	Tons.	Tons.
Timber	...	3,768	1,420	...	2,348
Firewood and charcoal	...	13,616	12,074	...	1,542
Bamboos	...	42	34	...	8
Grass	...	258	23	...	235
Hurra or myrobalan	...	323	1,247	924	...
Mohwa	...	9	...	...	9
Miscellaneous produce	...	17	4	...	13
Total	...	18,033	14,802	924	4,155

More myrobalans were collected during the year than in the year previous, as the later crop was a larger one; Mandla is the only Division in which the work of collecting and forwarding myrobalans to Jubbulpore is undertaken departmentally.

There was less small timber and firewood worked out than in the year previous, as fewer valuation cuttings were made, and the demand for felled wood was also less, as has already been explained in the introductory part of the Report.

38. The quantity of material produced from coppice fellings will be seen in the following statement :—

Divisions.	Outturn in Tons.			Total outturn in Tons.
	Poles.	Agricultural wood.	Firewood.	
Mandla	...	...	...	...
Jubbulpore	231·91	...	7,143·20	7,375·11
Damoh	...	...	...	...
Saugor	61	18	661	740
Narsinghpur	16·00	...	128·0	144·00
Hoshangabad	97·0	85·0	2,326·0	2,508·00
Betul	...	883·40	1,786·38	2,669·78
Nimar	2·75	·20	30·00	32·95
Total ...	408·66	986·60	12,074·58	13,469·84

The outturn shown in tons if reduced to cubic feet will agree with the cubical contents of outturn shown in Form No. 59, with the exception of 1,275 cubic feet which were obtained from other than coppice fellings.

39. The following is an abstract of Annual Form No. 59 :—

	Number or quantity.	Cubic feet.		Number or quantity.	Cubic feet.
Receipts.			*Disposals.*		
Balance in hand at commencement of the year ...	34,094	856,912	Removed by purchasers from the depôts ...	1,57,346	929,703
			Excess shown in the year 1892-93 now written off ...	61	...
Actual receipts in forest depôts ...	1,86,145	795,465	Balance at close of the year ..	62,832	722,674
Total ...	2,20,239	1,652,377	Total ...	2,20,239	1,652,377

With the exception of bamboos, of which there were a few more removed during the year, timber and all other forest produce removed by purchasers during the year were less in quantity than in the year previous. This will be seen in the following comparative statement :—

Description of Produce.	Removed during		Difference in 1893-94.	
	1892-93.	1893-94.	More.	Less.
	Tons.	Tons.	Tons.	Tons.
Timber	14,844	5,600	...	9,244
Firewood and charcoal ...	62,761	51,099	...	11,662
Bamboos	11,194	12,446	1,252	...
Hides and Horns	...	26	26	..
Grass	21,218	18,329	...	2,889
Hurra (myrobalan)	...	2	2	...
Other minor produce	15,296	11,587	...	3,709
Total ...	125,313	99,089	1,280	27,504

The causes for less material being bought and removed from the forests during the year have already been explained.

Bamboos having flowered gregariously and died out over large areas of country, the people were forced to come for their supplies to such Government forests in which the bamboo had not yet flowered. There are few private forests with good bamboos in them.

40. The following is a statement showing the forest produce removed by purchasers and consumers from the several Forest Divisions :—

Division.	In cubic feet.		No.	In tons.								
	Timber.	Firewood and charcoal.	Bamboos.	Grass.	Fruits and flowers.	Horns and hides.	Hurra or myrobalans.	Mineral products.	Lac.	Mowha.	Other minor produce.	Miscellaneous products.
Mandla	23,617	48,851	7,29,425	17	...	23	...	32	...	...	...	...
Jubbulpore	10,700	523,700	13,24,512	102	...	3	...	...	1	...	159	15
Damoh	12,462	452,896	4,04,488	217	...	...	...	2,983	...	...	...	...
Saugor	5,092	546,404	4,94,501	1,643	5	...	...	940	...	...	...	1,675
Narsinghpur	24,053	113,406	2,96,553	23	...	...	...	23	...	...	...	293
Hoshangabad	106,566	795,395	24,15,447	1,171	45	...	...	215	...	8	634	2,079
Betul	19,115	183,581	21,28,332	3,731	19	...	2	181	...	1	416	99
Nimar	78,372	401,712	9,19,116	11,425	...	...	...	54	...	...	1,511	...
Total for 1893-94 ...	279,977	3,065,945	87,12,374	18,329	69	26	2	4,428	1	9	2,920	4,160
Total for 1892-93 (15 months) ...	742,181	3,138,050	78,36,181	21,218	91	104	2	7,331	9	59	7,700	...

Free grants of Forest Produce.

41. No free grants were made during the year.

Produce removed by right-holders and under privileges.

42. No privileges or right-holders exist against the forests.

43. *Summary of produce removed from the Forests.*

Description of Produce.	In cubic feet.	In number.	In tons.
Timber	351,002	...	7,020
Firewood	3,790,385	...	63,173
Bamboos	...	8,736,176	12,480
Grass	...	...	18,352
Hurra or myrobalans	..	...	1.249
Lac	...	...	1
Mowha	...	...	9
Hides and Horns	...	...	26
Other minor produce	..	...	2,924
Mineral products	...	...	4,428
Miscellaneous products	...	...	4,160
Fruits and flowers	..	...	69
Total for 1893-94 ...	4,141,387	8,736,176	113,891
Total for 1892-93 (15 months) ...	4,885,595	7,865,701	143,346

CHAPTER IV.

Financial Results.

44. The forest receipts for the financial year 1893-94 are less by Rs. 84,915 than in the previous year. The causes which have effected this revenue have already been stated in paragraph 3 of this Report. The following is a comparison of this revenue with the average receipts for the past seven years :—

	Rs.
In 1893-94	5,34,958
Average for the past seven years	5,55,397

Therefore the year's revenue was even less than the average, but greater than the receipts for the years 1886-87 and 1887-88. The following figures show forest receipts for the previous seven years :—

	Rs.
1886-87	4,67,743
1887-88	4,85,657
1888-89	5,41,387
1889-90	5,38,439
1890-91	5,61,141
1891-92	6,69,568
1892-93	6,15,859

Comparing the revenue for 1891-92, the highest yet attained with the previous year, there is a *plus* difference of Rs. 1,08,327, but if the highest revenue is compared with the receipts for 1892-93 we find a *minus* difference of Rs. 53,709. The smaller revenue for 1893-94 might almost be set down to normal variation, only that some very potent causes have been at work, with a tendency towards lowering the revenue during the year.

Now that the working of the forests under organised plans is beginning to be better understood by the people, the forest receipts are bound to rise, while those from Malguzari Forests are as certain to fall. At the present rate of cutting, these private forests are not likely to last a very much longer time. It has been reported that several malguzari estates, so far as their forests are concerned, have already been ruined by reckless cuttings. This is in direct violation of the excellent rules sanctioned by the Chief Commissioner and promulgated in Revenue Book Circular 1—64, dated the 21st November 1891.

45. The summary of revenue and expenditure for the financial and forest years has been duly verified by the Comptroller and Auditor-General (Forests).

The revenue and expenditure of the financial year compare as follows with those of the previous year :—

	Receipts.	Charges.	Surplus.
	Rs.	Rs.	Rs.
1892-93 ...	6,19,873	3,64,176	2,55,697
1893-94 ...	5,34,958	3,98,158	1,36,800

A report on the financial results for the financial year with the prescribed annual forms were submitted with this office letter No. S-228—96, dated the 20th August 1894, as required by Section 267 of the Forest Department Code.

46. The main financial results of the past financial and forest years will now be explained. The following tentative comparison is made of revenue for 1893-94 under Minor Budget Heads with the figures for the previous year :—

Revenue Budget Heads.	RECEIPTS—FINANCIAL YEAR.					RECEIPTS—FOREST YEAR.				
	1892-93.	1893-94.	Difference. More, 1893-94.	Difference. Less, 1893-94.	Net difference.	1892-93, 15 months.	1893-94, 12 months.	Difference. More, 1893-94.	Difference. Less, 1893-94.	Net difference.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
RI. ...	16,947	4,705	...	12,242	...	17,606	4,976	...	12,690	...
RII. ...	5,75,180	5,13,802	...	61,378	...	6,58,533	5,09,982	...	1,48,551	...
RIII. ...	1,588	943	...	645	...	1,620	1,481	...	139	...
RIV ...	...	...	—	...	...	...	...	...	...	...
RV. ...	26,158	15,508	...	10,650	..	29,218	15,142	...	14,076	...
Total ...	6,19,873	5,34,958	...	84,915	915	7,07,037	5,31,581	...	1,75,456	1,75,456

Financial Year.

The receipt of the year cannot, however, be compared with any satisfactory result in detail with those for the year previous, because of the receipts for the latter year being for a period of 15 months, and again because of the fact that a lump sum adjustment of forest revenue, derived from the sale of forest stamps, was made under head RII, and the discontinuance of this practice of classification of such receipts authorised by the Comptroller and Auditor-General (Forests) in his letter No. 896, dated the 2nd August 1893.

47. A comparison of the details of the classification of revenue made in the Conservator's office for the two past financial and forest years will be seen in the statement below :—

Budget Heads Receipts.	FINANCIAL YEARS.				FOREST YEARS.			
	1892-93.	1893-94.	DIFFERENCE. More, 1893-94.	DIFFERENCE. Less, 1893-94.	1892-93, 15 months.	1893-94, 12 months.	DIFFERENCE. More, 1893-94	DIFFERENCE. Less, 1893-94.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
I.—Timber and other produce removed from the forests by Government Agency—								
(a) Timber ...	483	1,647	1,164	...	742	1,891	1,149	...
(b) Firewood and charcoal...	...	1,868	1,868	...	4	1,926	1,922	...
(c) Bamboos ...	86	35	...	51	177	177	...	...
(d) Sandal-wood ...	8	...	...	8	8	...	...	8
(e) Grass and other minor produce ...	16,370	1,155	...	15,215	16,735	982	.	15,753
Total ...	16,947	4,705	..	12,242	17,666	4,976	...	12,690
II.—Timber and other produce removed from the forests by consumers and purchasers— ...	41,839	3,87,979	3,46,140	...	1,10,503	3,20,887	2,10,384	...
(a) Timber ...	1,13,726	25,245	...	88,481	1,18,136	27,425	...	90,711
(b) Firewood and charcoal ..	39,342	14,007	...	25,335	41,451	14,566	...	26,885
(c) Bamboos ...	59,832	4,970	...	54,862	63,555	5,302	...	58,253
(d) Grazing and fodder grass	2,77,755	56,222	..	2,21,533	2,78,522	57,877	...	2,20,645
(e) Other minor produce ...	42,686	25,379	..	17,307	46,366	26,378	...	19,988
(f) Sale of forest stamps ...	...	...	...	...	...	57,389	57,389	...
(g) Miscellaneous ...	...	...	...	...	...	158	158	...
Total ...	5,75,180	5,13,802	...	61,378	6,58,533	5,09,982	...	1,48,551
III.—Drift and waif wood and confiscated forest produce ...	1,588	943	...	645	1,620	1,481	...	139
IV.—Revenue from forests not managed by Government—								
(a) Duty on foreign timber and other forest produce.	...	...	...	...	...	...	...	...
(b) Revenue from shared and private forests ...	...	...	—	...	...	...	...	...
Total ...	...	...	...	...	...	...	...	...
V.—Miscellaneous								
(a) Fines and forfeitures ...	118	150	32	...	166	102	..	64
(b) Refunds ...	711	714	3	...	862	947	85	...
(c) Other sources ...	25,329	14,644	...	10,685	28,190	14,093	...	14,097
Total ..	26,158	15,508	...	10,650	29,218	15,142	...	14,076
GRAND TOTAL ...	6,19,873	5,55,098	...	64,775	7,07,037	5,29,891	...	1,77,146

The above statement was compiled with reference to the orders of the Government of India—*vide* letter No. 534-F, dated the 17th May 1894.

In order to secure an agreement between the figures audited by the Comptroller and Auditor-General (Forests) and those compiled in the Conservator's office for the first two years—Financial and Forest—the following additions and deductions are required to be made under Heads RII and *f* :—

	Rs.
Figures compared in the Conservator's office for the financial year 1893-94	5,55,098
Deduct from Head RII	20,140
Figures supplied by the Comptroller	5,34,958
Figures compiled in the Conservator's office for the forest year 1893-94	5,29,891
Add to Head B-*f*	1,690
Figures supplied by the Comptroller	5,31,581

The difference of Rs. 20,140 is simply due to a portion of forest stamp sold from the Treasuries and taken as forest revenue by the Comptroller and Auditor-General in the accounts for 1892-93, and afterwards adjusted, on receipt of licensed vendors' accounts, as classified by Forest Divisional Officers in their monthly accounts for 1893-94.

Similarly the sum of Rs. 1,690 taken by the Comptroller and Auditor-General in the Forest Accounts for 1893-94, was money not classified in the licensed vendors' accounts for the above year.

48. Expenditure under Minor Budget Heads is also compared tentatively for the two years 1892-93 and 1893-94, Financial and Forest :—

Budget Heads.	EXPENDITURE.					EXPENDITURE.				
	Financial year 1892-93.	Financial year 1893-94.	Difference. More, Financial year 1893-94	Difference. Less, Financial year 1893-94.	Net difference.	Forest year 1892-93, 15 months	Forest year 1893-94, 12 months.	Difference. More, Forest year 1893-94.	Difference. Less, Forest year 1893-94	Net difference.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
AI ...	8,173	24,299	16,126	...	...	16,853	26,441	9,588	...	...
AII ...	76,933	75,984	...	949	...	65,087	...	...	35,892	...
AIII ..	40	78	38	...	...	43	75	32	...	...
AIV ...	...	...	...	...	...	...	...	...	...	...
AV ...	133	124	...	9	...	133	124	...	9	...
AVI ...	4,221	5,620	1,399	...	...	5,120	7,761	2,641	...	...
AVII ...	12,255	7,713	...	4,542	...	15,702	6,567	...	9,135	...
AVIII ...	39,594	48,526	8,932	...	...	60,655	47,374	...	13,281	...
AIX ..	651	1,906	1,255	...	...	1,213	2,239	1,026	...	...
Total ...	1,42,000	1,64,250	27,750	5,500	22,251	2,01,298	1,56,268	13,287	58,317	45,030

Expenditure under head AI was more by Rs. 16,126 than in the year previous, owing to a larger collection and carriage of Hurra (myrobalans) to Jubbulpore from the Mandla Forests, and also to works undertaken in extension of forest organization.

Expenditure under AII was less by Rs. 949 than in the year previous, due to less paid as commission to license vendors during the year, and to fewer revenue forms being obtained from the Central Jail at Nagpur.

Under AVI the charges are more by Rs. 1,399 than in the year previous; this because of an elephant having been purchased.

The expenditure under head AVII is less by Rs. 4,542, due to less work having been done in opening up communications with the forests, and to fewer buildings having been erected during the year owing to the inadequacy of the executive forest staff. It was found impracticable to undertake expensive works with no available local controlling staff to put on to them. The existing staff being fully occupied in extension of Working-Plans and the systematic working of the forests.

Under head AVIII the total increase in expenditure is Rs. 8,932, and which is partly explained by the pay of extra temporary establishment employed on Working-Plans, and partly to the great expansion in the areas now brought under systematic fire-protection.

Expenditure under AIX is more by Rs. 1,255, due to more refunds of revenue having been sanctioned and made than in the year previous.

49. The following comparison is also made of expenditure under Major Head B., Salaries, Travelling allowances and Contingencies, for the past financial and forest years 1892-93 and 1893-94 :—

Budget Heads	EXPENDITURE.					EXPENDITURE.				
	Financial year, 1892-93	Financial year, 1893-94	DIFFERENCE. More, Financial year 1893-94.	DIFFERENCE. Less, Financial year, 1893-94.	Net difference.	Forest year 1892 93, 15 months.	Forest year 1893-94 12 months	DIFFERENCE. More, Forest year 1893-94	DIFFERENCE. Less, Forest year 1893-94	Net difference.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
B.—ESTABLISHMENT.										
BI—Salaries ...	1,94,540	2,07,149	12,609	...	...	2,43,309	2,10,670	...	32,639	...
BII—Travelling allowances ...	13,028	13,186	158	...	...	17,463	15,772	...	1,691	...
BIII—Contingences.	14,608	13,573	...	1,035	—	18,921	15,298	...	3,623	...
Total —	2,22,176	2,33,908	12,767	1,835	11,732	2,79,693	2,41,740	...	37,953	37,953

Under Minor heads I and II the expenditure was more, and under head BIII—Contingencies, less than in the previous year.

The decrease under BI*a*, salary of Conservator, is Rs. 2,181, and is due to the reversion of the Officiating Conservator, 2nd grade, to his substantive appointment of Conservator of 3rd grade from the 14th July 1893.

Increase under BI*b*, Salaries of Superior Officers, is Rs. 6,805 accounted for by the facts that (1) an additional Assistant Conservator of Forests, 2nd grade, who was appointed by the Secretary of State, was posted to this Circle in November last; that (2) Mr. Muttannah was promoted to Extra Deputy Conservator, 4th grade, from April 1893; and that (3) arrears of pay were drawn by several Assistant and Deputy Conservators of Forests because of temporary promotions given them on the Amalgamated List.

The charges under BI*f* amount to Rs. 6,511 and are due to exchange compensation allowance paid to European Officers. In the previous year no such charge was incurred.

There is an increase of Rs. 957 under BI*d* "Office Establishment" which is explained by the fact that certain members of this establishment were promoted in the latter part of 1892-93 and who consequently have since drawn the increased rate of pay.

The expenditure under BI*e* is more by Rs. 626 than in the year previous, and which is explained by the fact that two more stipendiary students were deputed to the Imperial Forest School, Dehra Dun, for training at the close of June 1893.

Under head BII*b*, "Travelling Allowance" to Superior Officers, there is a decrease of Rs. 1,762. The large decrease of Rs. 1,528 is in the Hoshangabad Division, and is explained by the fact that no travelling allowance was due to or drawn by the Divisional Forest Officer during the year under report; and in Damoh the decrease of Rs. 428 is explained thus—a Senior Forest Ranger whose travelling allowance ordinarily chargeable to BII*c*, was placed in charge of that Division.

The increase of Rs. 2,388 in expenditure under BII*c* is due to a consolidated sum as travelling allowance having been sanctioned for range officers commencing from April 1893.

There is a small decrease in the expenditure under BII*d*, Travelling allowance of Office Establishment, amounting to Rs. 314 which hardly needs further remarks in explanation.

The increase of Rs. 572 under head BIII*b* is due to the hire of camels and carts for Working-Plans Assistants while in the field.

There is an increase of Rs. 172 under head BIII*c* in the Saugor Forest Division, and which is accounted for by the fact that a house was temporarily rented for the forest office at Saugor during the year. The office has since gone into a Government building. The charges under head BIII*e*, official postage, are more by Rs. 357 than in the year previous, and the excess expenditure is due to an increase in correspondence, consequent on the systematic works now being developed in all Forest Divisions.

There is a nominal decrease of Rs. 2,252 under head BIII*f*, Sundries, in the Damoh Forest Division, and is due to a wrong classification in the accounts for 1892-93 of the cost of license and other forms supplied by the Superintendent, Central Jail, Nagpur, the charges ought to have been debited to head AII "Conservancy and Works" as cost of Revenue Forms.

50. The statement below shows Receipts and Expenditure of the several Forest Divisions during the year with financial results, also figures are given for the year 1892-93 for comparison :—

Divisions.	Financial years.								Forest years 1892-93—15 months ; 1893-94—12 months.							
	Receipts.		Charges.		Surplus.		Deficit.		Receipts.		Charges.		Surplus.		Deficit.	
	1892-93.	1893-94.	1892-93.	1893-94.	1892-93.	1893-94.	1892-93.	1893-94.	1892-93.	1893-94.	1892-93.	1893-94.	1892-93.	1893-94.	1892-93.	1893-94.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Direction	4,014	539	30,323	33,365	...	...	26,309	32,826	4,023	721	38,696	33,773	...	...	34,673	33,052
Mandla	1,22,206	94,855	47,589	66,818	74,617	28,037	...	...	1,30,235	93,411	69,094	73,944	61,141	19,467	...	...
Jubbulpore	50,490	56,847	44,355	44,520	6,135	12,327	...	...	58,272	57,703	55,717	44,589	2,555	13,114	...	...
Damoh	56,553	47,989	27,613	23,520	28,940	24,469	...	...	63,245	42,981	33,482	24,047	29,763	18,934	...	...
Saugor	59,142	56,748	37,374	37,872	21,768	18,876	...	...	62,495	59,029	46,457	40,516	16,038	18,513	...	...
Narsinghpur	20,551	20,126	23,568	34,357	...	...	3,017	14,231	25,717	19,731	37,547	28,929	...	...	11,830	9,198
Hoshangabad	1,18,113	1,06,692	57,762	62,923	60,351	43,769	...	...	1,35,037	1,10,021	77,796	56,081	57,241	53,940	...	...
Betul	79,304	73,405	37,040	41,948	42,264	31,457	...	...	99,997	67,830	47,572	44,957	52,425	22,873	...	...
Nimar	1,09,500	77,757	58,552	52,835	50,948	24,922	...	...	1,28,016	80,154	74,630	51,172	53,386	28,982	...	...
Total ...	6,19,873	5,34,958	3,64,176	3,98,158	2,55,697	1,36,800	...	...	7,07,037	5,31,581	4,80,991	3,98,008	2,26,046	1,33,573	...	...

51. The following abstract of Form No. 65 shows the financial results of the year 1893-94 :—

1.—*Financial year.*

	Receipts.	Charges.	Remarks.
	Rs.	Rs.	
I.—Departmental workings ...	4,705	29,606	
II.—Other Revenue ...	5,30,253	1,74,025	
III.—Protection, &c. ...	...	1,94,527	
Total ...	5,34,958	3,98,158	

2.—*Forest year.*

	Receipts.	Charges.	Remarks.
I.—Departmental workings ...	4,976	31,811	The forest year 1892-93 has a period of 15 months, while that of 1893-94 a period of 12 months only.
II.—Other Revenue ...	5,26,605	1,69,803	
III.—Protection, &c. ...	...	1,96,394	
Total ...	5,31,581	3,98,008	

52. The result of the year's transactions will be seen as follows (Form No. 60) :—

1.—*Financial year.*

		Rs.
Add—Cash surplus (Form No. 61) ...	...	1,36,800
Increased value of stock at depôts ...	...	95,199
Total	...	2,31,999
Deduct—Decrease on outstanding Revenue (Form No. 63)	...	3,731
Total in favour of the year	...	2,28,268

2.—*Forest year.*

Add—Cash surplus (Form No. 61) ...	...	1,33,573
Increased value of stock at depôts ...	...	95,199
Total	...	2,28,772
Deduct—Decrease on outstanding Revenue (Form No. 63)	...	104
Total in favour of the year	...	2,28,668

CHAPTER V.

FOREST ADMINISTRATION.

53. The continued inadequacy of forest establishments is a subject much to be deplored. Both officers and men are too few for the efficient administration of the large forest areas under the control of the Forest Department. There is every prospect of larger sales of forest produce taking place, and the demand for timber has already shown an upward tendency, and, unless

we are provided with a staff which will be adequate to meeting the heavier duties now entailed on the Department, occasional lapses must be expected to occur. If the permanent subordinate forest staff were in itself an efficient one, matters would scarcely be so bad, but such is not the case. We still have a large leaven of inefficient men both in the upper and lower classes of executives, and this makes the struggle so much the harder for the responsible controlling officers.

54. In the table given below is shown the strength of the staff as at present allotted to the Northern Circle, and as it stood on the 1st July 1893, and again on the 30th June 1894 :—

Officers of the Indian Forest Service.	On the 1st July 1893.	On the 30th June 1894.
Conservator	1	1
Deputy Conservators	5	4
Assistant Conservators	1	2
Extra Deputy Conservator	1	1
Extra Assistant Conservators	3	3
Total ...	11	11

But the number of officers that was proposed to be allotted to this Circle under the new organization scheme was :—

1 Conservator.
10 Deputy and Assistant Conservators.
3 Extra-Assistant Conservators.
—
14
—

This allotment has not yet been made.

55. The following remarks refer to the changes in the *personnel* of officers during the year under report :—

Mr. Thomas, Deputy Conservator of Forests, was on furlough for 1 year with effect from 24th March 1894—*vide* Notification No. 1226, dated 8th March 1894.

Mr. Rind, Deputy Conservator of Forests, was granted privilege leave for 2 months and 29 days with effect from 9th March 1894—*vide* Notification No. 636, dated 8th February 1894.

Mr. G. F. Taylor, Deputy Conservator of Forests, was granted privilege leave for 1 month and 24 days with effect from 10th August 1893—*vide* Notification No. 3668, dated 8th August 1893.

Mr. A. M. F. Caccia, Assistant Conservator of Forests, was granted 3 months' privilege leave with effect from 14th September 1893—*vide* Notification No. 4196, dated 7th September 1893.

Mr. M. Muttannah, Extra Deputy Conservator of Forests, was granted 3 months' privilege leave with effect from 25th September 1893—*vide* Notification No. 3944, dated 22nd August 1893.

Mr. S. G. Pranjpe, Extra-Assistant Conservator of Forests, was granted privilege leave for 3 months with effect from 17th October 1893—*vide* Notification No. 5123, dated 2nd November 1893.

Transfer of Officers.—Mr. Rind, Deputy Conservator of Forests, was transferred to the Southern Circle—*vide* Notification No. 2802, dated 20th June 1894.

Mr. H. Moore, Deputy Conservator of Forests, was transferred from the Southern to the Northern Circle—*vide* Notification No. 5131, dated 2nd November 1893.

Mr. R. C. Thompson, Extra-Assistant Conservator, was transferred from the Southern to the Northern Circle—*vide* Notification No. 332, dated 20th July 1893.

Promotion of Officers.—Mr. R. H. E. Thompson, Conservator of Forests, was confirmed in the 2nd grade with effect from the 10th April 1894—*vide* Government of India, Revenue and Agricultural Department, Notification No. 564-F, dated 25th May 1894.

Mr. H. Moore, Deputy Conservator of Forests, 4th grade, officiates in the 3rd grade with effect from 22nd August 1893.

Mr. F. C. Hicks, Provisional Deputy Conservator of Forests, 4th grade, to officiate in addition as Deputy Conservator of Forests, 3rd grade, with effect from 9th June 1894.

Mr. M. Muttannah, Extra-Assistant Conservator of Forests, was promoted to Extra-Deputy Conservator during the year with effect from 1st April 1893.

Appointment.—Mr. R. C. Milward was appointed Assistant Conservator of Forests, 2nd grade, with effect from 27th November 1893—*vide* Government of India Notification No. 1-F, dated 22nd January 1894. He joined the Betul Division to which he was posted on the 13th December 1893.

56. The following officers held charge of Forest Divisions during the year :—

Division	Officers.	From	To
Mandla ..	Mr. Muttannah, Extra Deputy Conservator.	1st July 1893.	24th September 1893.
	Mr. King, Deputy Conservator ...	25th September 1893.	30th June 1894.
Jubbulpore ..	Mr. F. C. Hicks, Deputy Conservator ...	1st July 1893	Do. do.
Damoh ...	Mr. S. G. Pranjpe, Extra-Assistant Conservator.	Do. do...	16th October 1893.
	Mr. Syed Ali Muttaki, Senior Forest Ranger.	17th October 1893.	30th June 1894.
Saugor ...	Mr. L. A. W. Rind, Deputy Conservator.	1st July 1893.	3rd Oct. 1893.
	Mr. G. F. Taylor, Deputy Conservator ...	4th Oct. 1893.	30th June 1894.

Division	Officers.	From	To
Narsinghpur ...	Mr. W. King, Deputy Conservator ...	1st July 1893.	10th September 1893.
	Mr. Syed Ali Muttaki, Senior Forest Ranger.	11th September 1893.	9th Oct. 1893.
	Mr. L. A. W. Rind, Deputy Conservator.	10th October 1893.	8th March 1894.
	Mr. Mahomed Kadar Bux, Extra Assistant Conservator.	9th Mar. 1894	30th June 1894.
Hoshangabad ..	Mr. W. P. Thomas, Deputy Conservator.	1st July 1893.	21st March 1894.
	Mr. A. M. F. Caccia, Assistant Conservator.	22nd March 1894.	30th June 1894.
Betul ...	Mr. A. M. F. Caccia, Assistant Conservator.	1st July 1893	13th September 1893.
	Mr. R. C. Thompson, Extra Assistant Conservator.	14th September 1893.	23rd November 1893.
	Mr. H. Moore, Deputy Conservator ...	24th November 1893.	30th June 1894.
Nimar ...	Mr. G. F. Taylor, Deputy Conservator.	1st July 1893	10th August 1893.
	Mr. R. C. Thompson, Extra Assistant Conservator.	15th August 1893.	9th September 1893.
	Mr. Mahomed Kadar Bux, Extra Assistatnt Conservator.	10th September 1893.	30th December 1893.
	Mr. M. Muttannah, Extra Deputy Conservator.	31st December 1893.	30th June 1894.

57. Three senior Foresters—Rahmankhan, Mohamed Saheb and Ghulam Nabi—were temporarily promoted to supernumerary Forest Rangers, 6th grade, with effect from 1st July 1893.

58. The following stipendiary students who this year gained the school certificates at Dehra by the higher standard, were appointed as supernumerary Forest Rangers, 6th grade, with effect from the 1st April 1894:—

P. Shankernath, J. F. Anthoney,
C. A. Webb, J. D. St. Joseph.

The following Foresters also gained the school certificate:—

Lower Class.

Mahomed Yasseen. Raghunath Pershad.

59. Stipendiary student A. Pinder failed to obtain the school certificate, as he was said to have been ill during most part of the year; since then he has been allowed, as a concession, to continue his studies for another year.

60. The undermentioned stipendiary students who were deputed to the Imperial Forest School, Dehra, in 1893, will, it is hoped, complete the prescribed course of instructions (upper course) at that institution by March next:—

Gouri Shanker Kayasth. Chintaman Vishwanath.

61. The following stipendiary students of the upper class were deputed to the Imperial Forest School, Dehra Dun, and who are reported to have joined on the 25th June 1894:—

Ramlall Rajput, | W. J. Anthony,
Surendranath Chatterjee, | Jairam Raghunath,
Vinaik Chimnajee.

Ramlall has since withdrawn from the school. Of 7 candidates who passed the school Entrance Examination, Mr. Shipp and Nasiruddeen failed to proceed to Dehra, the former because he had secured an appointment elsewhere, the latter because private affairs prevented his joining.

62. The executive and protective establishments (Provincial and Subordinate Forest Services), inclusive of Extra Deputy and Assistant Conservators, sanctioned for the Northern Circle, are as follows:—

Designation.	Scale apportioned to the Northern Circle.	
	Number.	Monthly cost.
		Rs.
Extra Deputy Conservator	1	450
Extra Assistant Conservators	3	900
Forest Rangers	22	1,570
Foresters	89	2,485
Forest Guards	657	4,940
Total ...	772	10,345

and the following was the effective strength of this establishment at the commencement and close of the year:—

Designation.	Scale apportioned to the Northern Circle.		Actual strength as it stood on the 1st July 1893.		Actual strength as it stood on the 30th June 1894.	
	Number.	Monthly cost.	Number.	Monthly cost.	Number.	Monthly cost.
		Rs.		Rs.		Rs.
Extra Deputy Conservators ...	1	450	1	450	1	450
Extra Assistant Conservators ...	3	900	3	900	3	900
Forest Rangers ...	22	1,570	16	1,120	21	1,510
Foresters ...	89	2,485	83	2,270	87	2,425
Forest Guards ...	657	4,940	657	4,940	657	4,940
	772	10,345	760	9,680	769	10,225

63. The following details show the number and description of punishments awarded to subordinates during the year :—

	Permanent.					
	Forest Rangers.	Foresters.	Forest Guards.	Office Clerks.	Office Orderlies.	Total.
Major.						
Prosecutions ...	...	...	1	...	1	2
Dismissals ...	1	7	31	...	1	40
Permanent reduction, involving less than one month's pay ...	...	5	31	2	...	38
Suspensions ...	...	5	14	1	...	20
Fine of one month's pay ..	...	...	5	...	...	5
Resignation ...	...	...	15	...	...	15
Total ...	1	17	97	3	2	120
Minor.						
Fine of less than one month's pay.	3	49	82	4	1	139
Reduction for short period ..	...	3	2	..	1	6
	3	51	84	4	2	145

The following is a summary of a few of the more important cases which were dealt with during the year :—

One Forest guard and one orderly were prosecuted; the Forest guard was, however, acquitted, as there was insufficient evidence against him in the case in which he was implicated in combination with a license vendor of re-issuing used up forest stamps. Divisional Forest Officer, Betul, has given no reason as to why the orderly was prosecuted. One Forest Ranger was dismissed by order of the Chief Commissioner for being grossly insubordinate to his superior officer, the Divisional Forest Officer, and for also taking part with his subordinates in other acts of insubordination against the same officer.

Seven Foresters were dismissed for incompetence, combined with disobedience of orders.

Thirty-one Forest guards and one office orderly were dismissed for insubordination, neglect of duty, not complying with orders, being absent for prolonged period without leave, and for deserting their posts under plea of illness.

Five Foresters, 31 Forest guards and 2 orderlies were degraded for habitual neglect of orders and duties, and for being grossly careless. It has been necessary to punish severely and to insist thus in maintaining discipline. There is still a strong feeling of distaste to the regular work now required at the hands of the forest staff, but the inefficient members of which are being weeded out.

In every individual case of punishment thus inflicted, the very strictest enquiry was previously made, and the offender given every possible opportunity of defending himself or explaining away his misdeeds. *Quasi-judicial* pro-

ceedings are invariably held, under existing orders, for enquiring into and recording all serious offences against discipline, and thus a record of each offence and of the offender is completed and maintained by the Forest Divisional Officer.

64. The officers deserving of special notice, because of the manner in which they conducted their duties during the year, are the following :—

Mr. G. F. Taylor, Deputy Conservator of Forests, Saugor.

Mr. F. C. Hicks, Deputy Conservator of Forests, Jubbulpore.

Both officers have worked well, Mr. Hicks perhaps better on the whole, as he is very active and zealous and makes a good outdoor executive. Has managed his Division with fair success.

Mr. Taylor compiled Working-Plans for the Garakota and Tigora Forests of his Division.

Mr. A. M. Caccia, Officiating Deputy Conservator of Forests, Hoshangabad, has done a lot of good, hard work during the past season, and has compiled 4 Working-Plans for some of the forests of his Division; he therefore deserves to be commended for such services.

Mr. M. Muttannah, Extra Deputy Conservator of Forests, now in charge of the Nimar Division, has maintained his reputation for being both an energetic and zealous forest officer, who, on his transfer to Nimar, in December last, did not spare himself, but visited every part of that extensive district and its forests. I expect good results to arise from Mr. Muttannah's vigorous management of the Nimar Division. Mr. Muttannah has pushed on personally with the compilation of Regular Working-Plans in his Division.

Mr. Ali Muttaki, Senior Forest Ranger in charge of the Damoh Division, is an intelligent and energetic officer. He has performed his duties to my satisfaction; as an administrative officer he has proved a success.

R. H. E. THOMPSON,

Conservator of Forests, Northern Circle,

Central Provinces.

Secretariat Press, Nagpur:—21-11-94—300

BENGAL SECRETARIAT LIBRARY

STATEMENTS.

ANNUAL FORM No. 46.—[*Prescribed.*]

FOREST DEPARTMENT, SOUTHERN CIRCLE, CENTRAL PROVINCES.

Area of Reserved Forests and Unclassed State Forests and Waste lands, 1893-94.

Division.	Range.	Civil District or Territory.	Name of Forest.	Area on 1st July 1893.		Added during the year.	Excluded or transferred to other heads.	Area on 30th June 1894.		No. and date of Notification of addition or transfer.	Remarks.
				Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent in square miles.		
1	2	3	4	5	6	7	8	9	10	11	12
					RESERVED FORESTS.						
					A. Class.						
Balaghat ...	Raigarh ...	Balaghat ...	Raigarh (including Dhaniajhor ...	71,698	112	...	...	71,698	112		
	Bhaisanghat ...	Do. ...	Raigarh ...	6,454	10	...	...	6,454	10		
			Bhimlat ...	27,278	42	...	...	27,278	42		
			Sarekha ...	15,138	24	...	...	15,138	24		
			Total ...	48,870	76	...	...	48,870	76		
	Sarekha ...	Do. ...	Sarekha ...	43,750	68	...	...	43,750	68		
			Man ...	22,498	35	...	...	22,498	35		
			Total ...	66,248	103	...	...	66,248	103		
	Paraswara ...	Do. ...	Man ..	79,549	124	...	*129	79,420	124	*No. 2705, dated the 12th June 1894.	
			Pandratola ...	4,817	8	...	...	4,817	8		
			Thema ...	2,982	5	...	...	2,982	5		
			Marjhur ...	317	...	...	...	317	...		
			Amoli ...	1,009	2	...	...	1,009	2		
			Bhadukota ...	532	1	...	...	532	1		
			Salebhurri ...	4,047	6	...	...	4,047	6		
			Total ...	93,253	146	...	129	93,124	146		

Dhansua ...	Do. ...	Titwa ...	5,268	8	...	...	5,268	8
		Uskal (including Khara Khurra) ...	57,994	91	...	...	57,994	91
		Rupjhar ..	23,930	37	...	...	23,930	37
		Batkari (including Jarla and Bodaljhola) ...	9,204	14	...	...	9,204	14
		Kera ...	1,187	2	...	...	1,187	2
		Pipalgaon Temni ...	512	1	...	...	512	1
		Pipalgaon Nandora ...	6,081	10	...	...	6,081	10
		Railipaili ...	1,515	2	...	...	1,515	2
		Dhiri Mangli ...	21,703	34	...	...	21,703	34
		Total ...	127,394	199	...	...	127,394	199
Sonawani ...	Do. ...	Sonawani ...	43,247	68	...	...	43,247	68
		Lohagri ...	261	...	...	...	261	...
		Garaghat ...	2,779	4	...	...	2,779	4
		Bichwa ...	4,096	7	...	...	4,096	7
		Bhandamurri ...	9,723	15	...	...	9,723	15
		Total ...	60,106	94	...	...	60,106	94
		TOTAL OF CLASS A ...	467,569	730	...	129	467,440	730
				B-II. Class. *Nil.*				
				B-I. Class.				
Raigarh ..	Do. ...	Raigarh ...	35,870	56	...	...	35,870	56
		Pandutalao ...	1,286	2	...	...	1,286	2
		Total ...	37,156	58	...	...	37,156	58
Bhaisanghat ...	Do. ...	Raigarh ...	1,103	2	...	...	1,103	2
		Bhimlat ...	52,477	82	..	...	52,477	82
		Sarekha ...	6,613	10	...	...	6,613	10
		Total ..	60,193	94	...	...	60,193	94
Sarekha ...	Do. ...	Sarekha ...	39,082	61	...	...	39,082	61
		Bhimori ...	845	1	...	...	845	1
		Man ..	26,599	41	..	...	26,599	41
		Total ...	66,526	103	...	...	66,526	103

ANNUAL FORM No. 46.—[*Prescribed.*]—(Contd.)

Division.	Range.	Civil District or Territory.	Name of Forest.	Area on 1st July 1893.		Added during the year.	Excluded or transferred to other heads.	Area on 30th June 1894.		No. and date of Notification of addition or transfer.	Remarks.
				Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent in square miles.		
1	2	3	4	5	6	7	8	9	10	11	12
					RESERVED FORESTS.—(*Concld.*) *B-I. Class.*—(Concld.)						
Balaghat.—(Contd.) ...	Paraswara ...	Balaghat ...	Man ...	3,647	6	...	...	3,647	6		
			Thema ...	4,165	7	...	...	4,165	7		
			Total ...	7,812	13	...	...	7,812	13		
	Dhansua ...	Do. ...	Uskal ...	2,303	4	...	...	2,303	4		
			Rupjhar ...	8,191	13	...	...	8,191	13		
			Total ...	10,494	17	...	...	10,494	17		
			TOTAL OF CLASS B-I....	182,181	285	...	..	182,181	285		
					UNCLASSED FORESTS.						
	Raigarh ...	Balaghat ...	Unclassed Forests ...	6,861	11	...	...	6,861	11		
	Bhaisanghat ...	Do. ...	Do. ...	30,865	48	...	...	30,865	48		
	Sarekha ...	Do. ...	Do. ...	15,558	24	...	...	15,558	24		
	Paraswara ...	Do. ...	Do. ...	5,775	9	...	...	5,775	9		
	Dhansua ...	Do. ...	Do. ...	2,426	4	...	...	2,426	4		
	Sonawani ...	Do. ...	Do. ...	650	1	...	...	650	1		
		TOTAL OF	UNCLASSED FORESTS ...	62,135	97	...	...	62,135	97		
		TOTAL	FOR DIVISION ...	711,885	1,112	...	129	711,756	1,112		

						RESERVED FORESTS.			
						A Class.			
Bhandara ...	Bawanthari ...	Bhandara ...	Bawanthari (North) ..	12,287	19	...	...	12,287	19
			Do. (South) ...	48,800½	76	...	...	48,800½	76
			Chandpur (North) ..	4,725½	8	...	..	4,725½	8
			Do. (South) ..	15,545	24	...	...	15,545	24
			Total ...	81,358	127	...	...	81,358	127
	Gaikhuri ...	Do. ...	Gaikhuri ..	76,092	119	...	...	76,092	119
			Gongli ...	1,196	2	...	...	1,196	2
			Dudhara ...	10,044	16	...	...	10,044	16
			Matora ...	8,800	14	...	...	8,800	14
			Khapa ...	650	1	...	...	6 0	1
			Mahka ...	1,084	1	...	...	1,084	1
			Parkabori ..	15,481	24	...	...	15,481	24
			Total ...	113,347	177	...	...	113,347	177
	Paoni ..	Do. ...	Thana ...	1,075	2	...	...	1,075	2
			Gaidongri ...	3,200	5	...	.	3,200	5
			Bedarthal ..	20,745	32	...	...	20,745	32
			Nishti ..	774	1	...	...	774	1
			Erwa ..	364	1	...	...	364	1
			Total ...	26,158	41	..	..	26,158	41
	Partabgarh ...	Do. ...	Gumgaon Pipalgaon ...	22,544	35	...	...	22,544	35
			TOTAL OF CLASS A. ...	243,407	380	.	...	243,407	380
						B-II. Class.			
	Bawanthari ..	Do. ..	Kanhargaon Antra ..	2,177½	3	...	...	12,71½	3
			Masalkhapa ..	96	...	...	...	95	...
			Garrah (North) .. / Do. (South) ..	1,583	3	...	...	1,583	3
			Kapurwihiri ..	1,122	2	...	...	1,122	2
			Mohgaon ..	2,131	3	..		2,131	3
			Phulchar ..	1,456	2	...	...	1,456	2
			Chickla ..	3,467½	5	...	...	3,467½	5
			Pawnara ...	438	1	...	...	438	1
			Ambagarh ...	640	1	...	...	640	1
			Total ..	13,111	20	...	...	13,111	20

ANNUAL FORM No. 46.—[*Prescribed.*]—(Contd.)

Division.	Range.	Civil District or Territory.	Name of Forest.	Area on 1st July 1893.		Added during the year.	Excluded or transferred to other heads.	Area on 30th June 1894.		No. and date of Notification of addition or transfer.	Remarks.
				Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent in square miles.		
1	2	3	4	5	6	7	8	9	10	11	12
					RESERVED FORESTS.—(*Concld.*)						
					B-II. Class.—(Concld.)						
Bhandara.—(Contd.) ...	Gaikhuri ...	Bhandara ...	Kodurli ...	625	1	...	..	625	1		
			Wakal ..	1,120	2	...	400*	720	1	*No. 2145, dated the 3rd May 1894.	
			Serati ..	9,805	15	...	...	9,805	15		
			Rampuri ...	3,127	5	...	...	3,127	5		
			Waregaon ...	665	1	...	...	665	1		
			Pathri ...	500	1	...	...	500	1		
			Mahka ...	615	1	...	...	615	1		
			Phutara ...	900	1	...	...	900	1		
			Chargaon ...	1,420	2	...	...	1,420	2		
			Girola ...	4,492½	7	...	...	4,492½	7		
			Total ..	23,269½	36	...	400	22,869½	36		
	Partabgarh ...	Do. ...	Baki Mendki ...	3,400	5	...	...	3,400	5		
			Wagholi ...	732	1	...	...	732	1		
			Gangejhari ...	384	1	...	...	384	1		
			Sahangarhi ...	5,240	8	...	...	5,240	8		
			Nawegaon ...	14,983	23	...	..	14,983	23		
			Partabgarh ...	12,481	19	...	...	12,481	19		
			Kelod ...	15,291	24	...	...	15,291	24		
			Singandah ...	3,400	5	...	...	3,400	5		
			Kodamendhi ...	531	1	...	...	531	1		
			Brandi ...	350	1	...	...	350	1		

										1 10 14 ...	*Conservator's No. A-32, dated the 11th April 1894.
				Total ...	73,051	114	..	463	72,588	113	
				TOTAL OF CLASS B-II...	109,431	171	...	863	108,568	170	
						B-I. Class.					
						Nil.					
						UNCLASSED FORESTS.					
						Nil.					
			TOTAL	FOR DIVISION ...	352,838	551	...	863	351,975	550	
						RESERVED FORESTS.					
						A Class.					
Bilaspur ..	Lormi ...	Bilaspur .		Lormi ...	264,038	413	...	...	264,038	413	
	Kusjati Pantora.	Do. ...		Senkar ...	816	1	.	...	816	1	
				Khaira ...	1,485	2	...	..	1,485	2	
				Ranibachali ...	657	1	...	...	657	1	
				Kusjati ...	2,762	4	...	...	2,762	4	
				Bhaisaghar ...	650	1	...	...	650	1	
				Lohradih ..	876	1	...	...	876	1	
				Dorki ...	450	1	...	...	450	1	
				Ramchanda ...	3,296	5	...	...	3,296	5	
				Garaindola ...	530	1	...	...	530	1	
				Bitkuli ...	33,155	52	...	...	33,155	52	
				Burgahan ...	11,820	19	...	...	11,820	19	
				Chatta ..	8,737	14	...	...	8,737	14	
				Pantora ...	2,111	3	...	...	2,111	3	
				Daikoni ...	694	1	...	...	694	1	
				Total ...	68,039	106	...	...	68,039	106	

ANNUAL FORM No. 46.—[*Prescribed.*]—(Contd.)

Division.	Range.	Civil District or Territory.	Name of Forest.	Area on 1st July 1893.		Added during the year.	Excluded or transferred to other heads.	Area on 30th June 1894.		No. and date of Notification of addition or transfer.	Remarks.
				Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent in square miles.		
1	2	3	4	5	6	7	8	9	10	11	12
					RESERVED FORESTS.—(*Concld.*)						
					A. Class.—(Concld.)						
Bilaspur.—(Contd.) ...	Chita Pandria ...	Bilaspur ...	Chita Pandria ...	2,207	3	...	...	2,207	3		
			Darri ...	355	1	..	...	355	1		
			Total ...	2,562	4	...	...	2,562	4		
	Sonakhan ...	Do. ...	Sonakhan ...	71,860	112	...	...	71,860	112		
			Gatadhi ...	7,578	12	...	...	7,578	12		
			Total ...	79,438	124	...	...	79,438	124		
	Padakhar ...	Do. ...	Padakhar ...	814	1	...	...	814	1		
			TOTAL OF CLASS A ...	414,891	648	...	...	414,891	648		
					B-II. Class.						
					Nil.						
					B-I. Class.						
					Nil.						
					UNCLASSED FORESTS.						
					Nil.						
		TOTAL FOR DIVISION ...		414,891	648	...	...	414,891	648		

						RESERVED FORESTS.					
						A. Class.					
Chanda ...	Ahiri ...	Ahiri Zamindari in Chanda District.	Bhimarum ...	12,296	19	...	...	12,296	19		
			Mirkallu ...	8,479	13	...	...	8,479	13		
			Elchil ...	60,591	95	...	...	60,591	95		
			Total ...	81,366	127	...	...	81,366	127		
	Moharli ...	Chanda ...	Moharli ...	267,326	418	...	*574	266,752	417	†No. 4453, dated 20th September 1893.	
	Warora ...	Do. ...	Warora ...	84,044	131	...	...	84,044	131		
	Haveli ...	Do. ...	Haveli ...	156,803	245	...	*1,906	154,897	242		
	Dhaba ...	Do. ...	Dhaba ...	145,549	227	...	...	145,549	227		
			Total ...	653,722	1,021	...	2,480	651,242	1,017		
			TOTAL OF CLASS A. ...	735,088	1,149	...	2,480	732,608	1,145		
						B-II. Class.					
	Brahmapuri ...	Do. ...	Brahmapuri ...	110,880	173	...	...	110,880	173		
	Wairagarh ...	Do. ...	Wairagarh ...	176,542	276	...	...	176,542	276		
	Ganjewahi ...	Do. ...	Ganjewahi ...	166,340	260	...	50‡	166,290	260		
	Ghot ...	Do. ...	Ghot ...	387,027	604	...	...	387,027	604		
	Sironcha ...	Do. ...	Sironcha ...	564,119	882	...	...	564,119	882		
			TOTAL OF CLASS B-II..	1,404,908	2,195	...	50	1,404,858	2,195		
						B-I. Class.					
Chanda ...	Haveli ...	Do. ...	Haveli ...	23,360	37	...	8	23,352	36		
						UNCLASSED FORESTS.					
			Unclassed Forests ...	14,820	23	1,734	...	16,554	26		
			TOTAL FOR DIVISION ...	2,178,176	3,404	1,734	2,538	2,177,372	3,402		

*450 acres disforested *vide* Notification† 124 acres made over to Department Public Works for roads as per Local Government No. 2351 of 16th May 1893.

†158 acres made over to Department Public Works for roads as per Local Government No. 2351 of 16th May 1893.

14 acres made over to Public Works Department for quarries as per Local Government No. 6021 of 21st December 1893.

1,734 acres transferred to Unclassed Forests hitherto wrongly shown under Class A.

‡50 acres made over to Public Works Department for quarries as per Local Government No. 368 of 18th January 1894.

8 acres made over to Department, Public Works, for quarries as per Local Government No. 6024 of 21st December 1893, to the Conservator.

1,734 acres transferred from A Class hitherto wrongly shown in that head.

ANNUAL FORM No. 46.—[*Prescribed.*]—(Contd.)

Division.	Range.	Civil District or Territory.	Name of Forest.	Area on 1st July 1893.		Excluded or transferred to other heads.	Added during the year.	Area on 30th June 1894.		No and date of Notification of addition or transfer.	Remarks.
				Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent in square miles.		
1	2	3	4	5	6	7	8	9	10	11	12
					RESERVED FORESTS.						
					A. Class.						
Chhindwara ...	Sileywanighat...	Chhindwara ...	Kudbeli ...	69,050	108	...	..	69,050	108		
	Sank ..	Do. ...	Juttikhapa ...	8,240	13	...	...	8,240	13		
			Gumtera ...	26,880	42	...	...	26,880	42		
			Total ..	35,120	55	...	...	35,120	55		
			TOTAL OF CLASS A ..	104,170	163	...	...	104,170	163		
					B-II Class.						
Chhindwara ...	Umrait ...	Do. ...	Soornadeyr ...	6,760	11	...	...	6,760	11		
			Choorni-Chogaon ...	4,615	7	...	...	4,615	7		
			Keolaree ...	4,328	7	...	...	4,328	7		
			Banka Tawa ...	5,381	8	...	...	5,381	8		
			Ghogree-Perbut ..	4,847	8	...	...	4,847	8		
			Tekapar ...	3,237	5	...	...	3,237	5		
			Mudnee ...	3,256	5	...	..	3,256	5		
			Tikari ...	7,352	12	...	...	7,352	12		
			Choorabo ..	8,225	13	...	...	8,225	13		
			Bomleya ...	5,730	9	...	...	5,730	9		
			Jungle Dehri ...	3,117	5	..	...	3,117	5		
			Tandu ...	7,570	12	...	...	7,570	12		
			Mihlari Bakoli ...	9,878	15	...	...	9,878	15		
			Doolunwara ...	6,126	9	...	...	6,126	9		
			Purdan Ghoree ...	7,443	12	...	...	7,443	12		
			Mujawar ...	2,454	4	...	...	2,454	4		
			Jamye ...	3,191	5	...	...	3,191	5		

			Murwar	...	3,834	6	...	..	3,834	6
			Dhow	..	4,969	7	..	...	4,969	7
			Ooplee	...	3,038	4	.	...	3,038	4
			Khyrmundle	...	4,289	7	..	...	4,289	7
			Khokurra	..	3,870	6	...	...	3,870	6
			Chargaon	..	3,386	5	.	...	3,386	5
			Total	...	116,896	182	...	..	116,896	182
Amerwara	...	Do.	... Mankadevi	...	2,935	5	...	...	2,935	5
			Bijoree	...	3,137	5	...	...	3,137	5
			Baghurdia	..	3,622	6	...	...	3,622	6
			Doodi-Boodi	...	6,713	10	...	..	6,713	10
			Mundla	...	4,618	7		...	4,618	7
			Rawanwara	..	2,240	3	...	...	2,240	3
			Nahuria	..	3,132	5	.	...	3,132	5
			Charunkhapa	..	2,816	4	...	...	2,816	4
			Sarusadole	...	2,402	4	...	...	2,402	4
			Chimooa	..	5,116	8	...	...	5,116	8
			Pipuria Goomarsi	...	5,488	9	...	...	5,488	9
			Amerwara	..	397	1	...	...	397	1
			Gurha	..	3,545	5	...	...	3,545	5
			Chargaon	...	2,539	4	...	...	2,539	4
			Lugurwa	..	4,017	6	...	..	4,017	6
			Salewara	...	2,704	4	...	...	2,704	4
			Doonguria	..	1,596	2	..	...	1,596	2
			Dhubaria	..	1.931	3	...	..	1,931	3
			Karabo	...	1,368	2	...	...	1,368	2
			Munkadya Koord		3,131	5	...	...	3,131	5
			Damooa	..	2,568	4	...	...	2,568	4
			Teli-Baranga	..	3,624	6	...	...	3,624	6
			Khumra	..	3,588	6	...	...	3,588	6
			Total	..	73,227	114	...	...	73,227	114
Ambora	...	Do.	... Ghegree	..	6,353	10	...	...	6,353	10
			Paraspani	...	9,847	15	.	...	9,847	15
			Deogarh	..	8,649	14	...	...	8,649	14
			Lohangee	...	4,729	8	...	...	4,729	8
			Jobni	..	9,020	14	..	...	9,020	14
			Murum	..	11,300	18	...	...	11,300	18
			Nundeywani	..	5,042	8	...	..	5,042	8
			Borpani	...	6,039	9	...	...	6,039	9
			Chemunkapa	...	7,875	12	...	...	7,875	12

ANNUAL FROM No. 46.—[*Prescribed.*]—(Contd.)

Division.	Range.	Civil District or Territory.	Name of Forest.	Area on 1st July 1893.		Added during the year.	Excluded or transferred to other heads.	Area on 30th June 1894.		No. and date of Notification of addition or transfer.	Remarks.
				Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent in square miles.		
1	2	3	4	5	6	7	8	9	10	11	12
					RESERVED FORESTS.—(*Concld.*)						
					B-II. Class.—(Concld.)						
Chhindwara.—(Contd.) ...	Ambora.—(Contd.) ...	Chhindwara ...	Meyt ...	5,861	9	...	...	5,861	9		
			Bhojkoond ...	6,954	11	...	...	6,954	11		
			Changoba ...	5,082	8	...	...	5,082	8		
			Murkawara ...	2,893	5	...	...	2,893	5		
			Deghoree ..	3,518	6	...	...	3,518	6		
			Dhanora ...	7,945	12	...	...	7,945	12		
			Dholunkhapa ...	5,222	8	...	...	5,222	8		
			Oomra ...	4,751	7	...	...	4,751	7		
			Kerwar ...	1,505	2	...	...	1,505	2		
			Khondur ...	2,322	4	...	...	2,322	4		
			Kalapathar ...	3,228	5	...	...	3,228	5		
			Mohee ...	2,198	3	...	...	2,198	3		
			Total ...	120,333	188	...	...	120,333	188		
	Kudbeli ...	Do. ...	Niwari ...	2,912	4	...	...	2,912	4		
			Sardonee ...	6,139	10	...	...	6,139	10		
			Total ...	9,051	14	...	...	9,051	14		
	Sank ...	Do. ...	Choureye ...	1,442	2	...	...	1,442	2		
			Hurdooa ...	2,430	4	...	...	2,430	4		
			Dhootmoor ...	4,241	7	...	...	4,241	7		
			Sank ...	3,723	6	...	...	3,723	6		
			Koombpani ...	5,666	9	...	...	5,666	9		

				Panjratola ...	3,695	5	...	...	3,695	5	
				Poontra ...	4,222	7	...	...	4,222	7	
				Pulpuldoh ...	2,611	4	...	...	2,611	4	
				Total ...	28,030	44	...	...	28,030	44	
				TOTAL OF CLASS B-II..	3,47,537	543	...	...	347,537	543	
						B.-I. Class.					
						Nil.					
						UNCLASSED FORESTS.					
			Do. ...	Unclassed Forests ...	679	1	...	...	679	1	
			TO	TAL FOR DIVISION.	452,386	707	...	...	452,386	707	
						RESERVED FORESTS.					
						A. Class.					
Nagpur ...	East Pench ...	Nagpur ...		Sylaree Khapa ...	42,580	66	...	...	42,580	66	
				Gurra ...	5,372	8	...	...	5,372	8	
				Saourra ...	5,042	8	...	...	5,042	8	
				Dongertal ...	3,271	5	...	...	3,271	5	
				Ghoreghat ...	4,682	7	...	...	4,682	7	
				Londa ...	4,430	7	...	...	4,430	7	
				Pinkapa ...	3,895	6	...	...	3,895	6	
				Umri ...	2,533	4	...	28	2,505	4	No. 2750, dated 14th June 1894.
				Korwa ...	5,521	9	...	...	5,521	9	
				Chi knapu ...	8,859	14	...	62	8,797	14	Ditto.
				Saleya ...	5,985	9	...	...	5,985	9	
				Palora ...	4,285	7	...	...	4,285	7	
				Chorbawl ...	4,687	7	1,934	...	6,621	10	No. 1983, dated 7th March 1894.
				Ambajhiri ..	4,934	8	...	...	4,934	8	
				Deori ...	3,714	6	...	...	3,714	6	
				Ghooksi ...	7,143	11	...	...	7,143	11	
				Powni ...	2,262	3	...	...	2,262	3	
				Kurpura ...	5,483	9	...	...	5,483	9	
				Ghoti ...	3,278	5	...	...	3,278	5	
				Chichdah ...	3,210	5	...	...	3,210	5	
				Nahibi ...	3,595	6	...	...	3,595	6	
				Ramjam ...	5,664	9	...	...	5,664	9	
				Total ...	140,425	219	1,934	90	142,269	222	

ANNUAL FORM No. 46.—[*Prescribed.*]—(Contd.)

Division.	Range.	Civil District or Territory.	Name of Forest.	Area on 1st July 1893.		Added during the year.	Excluded or transferred to other heads.	Area on 30th June 1894.		No. and date of Notification of addition or transfer.	Remarks.
				Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent in square miles.		
1	2	3	4	5	6	7	8	9	10	11	12
					RESERVED FOREST—(*Concld.*) *A. Class.*—(Concld.)						
Nagpur.—(Contd.)	West Pench ...	Nagpur ..	Nurhur ...	42,880	67	...	...	42,880	67		
			Ambajhiri ...	3,805	6	...	...	3,805	6		
			Siladevi ..	2,804	4	...	...	2,804	4		
			Mundipar ..	3,391	5	...	...	3,391	5		
			Sourdara ..	1,574	2	...	...	1,574	2		
			Paindhri ...	3,676	6	...	...	3,676	6		
			Mohgaon ...	3,607	6	...	...	3,607	6		
			Richara ...	3,663	6	...	...	3,663	6		
			Maharkund ..	3,674	6	...	...	3,674	6		
			Kaurimait ...	7,257	11	...	...	7,257	11		
			Total ...	76,331	119	...	...	76,331	119		
	Kondhali ...	Do. ...	Ambajhiri ...	1,895	3	...	..	1,895	3		
			Daigma ...	1,639	3	...	...	1,639	3		
			Mandwa ...	3,202	5	...	...	3,202	5		
			Mohgaon ...	2,777	4	...	...	2,777	4		
			Khappa Nipani ...	2,154	3	...	...	2,154	3		
			Karergondi ...	2,650	4	...	...	2,650	4		
			Deori ...	3,233	5	...	...	3,233	5		
			Jeungarh ...	2,147	3	...	...	2,147	3		
			Semulgarh ...	2,995	5	...	..	2,995	5		
			Junapani ...	1,370	2	...	...	1,370	2		
			Chorkhairi ...	3,625	6	...	...	3,625	6		
			Kalagondri ...	2,089	3	...	...	2,089	3		
			Arumbhi ..	2,740	4	...	...	2,740	4		
			Ghogra ...	2,496	4	...	...	2,496	4		
			Pandradakani ...	2,646	4	...	...	2,646	4		
			Mohgaon ...	3,220	5	...	...	3,220	5		
			Kurki ...	1,745	3	...	...	1,745	3		
			Palgondi ...	1,477	2	...	...	1,477	2		

			Kaidarpur ...	4,199	7	...	...	4,199	7	
			Sonpur ...	2,173	3	...	...	2,173	3	
			Kulmonda ...	3,040	5	...	...	3,040	5	
			Kattabori ...	3,247	5	..	...	3,247	5	
			Kundi ...	2,009	3	...	...	2,009	3	
			Loobara ...	2,275	4	...	...	2,275	4	
			Bazargaon ...	1,565	2	...	...	1,565	2	
			Dotewara ...	1,509	2	...	...	1,509	2	
			Ghogri ...	2,440	4	...	...	2,440	4	
			Total ...	66,557	104	...	...	66,557	104	
Umrer ...		Do. ...	Bhiwapur ...	1,871	3	...	...	1,871	3	
			Jamlapani ..	1,651	2	...	...	1,651	2	
			Kohra ...	1,976	3	...	...	1,976	3	
			Bori Mazra ...	6,723	11	...	...	6,723	11	
			Alagondi ...	4,856	8	...	...	4,856	8	
			Dighori ...	4,727	7	...	..	4,727	8	
			Salibutti ...	3,897	6	..	...	3,897	6	
			Botyghiri ...	3,543	6	...	...	3,543	6	
			Chanwihera ...	2,790	4	...	...	2,790	4	
			Jamkoli ...	5,776	9	..	...	5,776	9	
			Dhamangaon ...	4,220	7	...	...	4,220	7	
			Kurandla ...	2,212	3	...	...	2,212	3	
			Banbori ...	4,488	7	...	...	4,488	7	
			Nahni ...	...	...	1,892	...	1,892	3	Transferred from Wardha to Nagpur, *vide* Revenue Secretary's letter No. 3038, dated 30th June 1893, to the Conservator of Forests, Southern Circle, Central Provinces.
			Siwanphol ...	...	...	910	...	910	1	
			Mohgaon ...	...	...	1,244	...	1,244	2	
			Mangrul ...	...	...	1,984	...	1,984	3	
			Thargaon ...	...	...	3,516	...	3,516	5	
			Khaik ...	...	...	1,185	...	1,185	2	
			Total ...	48,730	76	10,731	...	59,461	93	
			TOTAL OF CLASS A. ...	332,043	519	12,665	90	344,618	538	
					B-II. Class. Nil.					
					B.-I Class. Nil. UNCLASSED FORESTS.					
East Pench ...		Do. ...	Bir Sihora ...	2,045	3	...	1,934	111	...	No. 1193, dated the 7th March 1894.
Nagpur ...		Do. ...	Bir Maharjhiri ...	211	...	...	...	211	...	
			Bir Warora ...	73	...	...	...	73	...	
			Bir Warregaon ...	12	...	...	...	12	...	
			Total ...	296	...	...	...	296	...	

ANNUAL FORM No. 46.—[*Prescribed.*]—(Contd.)

Division.	Range.	Civil District or Territory.	Name of Forest.	Area on 1st July 1893.		Added during the year.	Excluded or transferred to other heads.	Area on 30th June 1894.		No. and date of Notification of addition or transfer.	Remarks.
				Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent in square miles.		
1	2	3	4	5	6	7	8	9	10	11	12
					UNCLASSED FORESTS.—(*Concld.*)						
Nagpur.—(Contd.) ...	Katol ...	Nagpur ...	Bir Ramjiri ...	175	...	...	...	175	...		
			Bir Jutnumkuara ...	398	1	...	...	398	1		
			Total ...	573	1	...	...	573	1		
	Umrer ...	Do. ...	Bir Bhugaon ...	6	...	...	...	6	...		
			TOTAL OF UNCLASSED FORESTS ...	2,920	4	...	1,934	986	2		
			TOTAL FOR DIVISION ...	334,963	523	12,665	2,024	345,604	540		
					RESERVED FORESTS. *A. Class.*						
Wardha ...	Arvi ...	Wardha ...	Panjra ..	2,544	4	...	...	2,544	4		
			Khanwari ..	778	1	...	...	778	1		
			Sarunpari ...	2,846	4	...	...	2,846	4		
			Pachoor ...	3,285	5	..	...	3,285	5		
			Dhamakund ...	1,000	2	...	...	1,000	2		

Ranwari	...	2,458	4	...	...	2,458	4
Linga	...	800	1	...	...	800	1
Brahmanwara	...	3,850	6	...	...	3,850	6
Ladgarh	...	2,256	4	...	...	2,256	4
Sehli	...	2,185	3	...	...	2,185	3
Sindiwhiri	..	943	1	...	...	943	1
Bangrapur	..	1,235	2	...	...	1,235	2
Dhugga	...	2,902	5	...	...	2,902	5
Amgaon	...	1,000	2	...	...	1,000	2
Ridhora	...	1,270	2	...	...	1,270	2
Borkhairi	...	1,007	2	...	...	1,007	2
Madna	...	1,313	2	...	...	1,313	2
Malaigaon	...	2,000	3	...	...	2,000	3
Jamnira	...	2,841	5	...	...	2,841	5
Dhamkund	...	3,128	6	...	..	3,128	6
Baidhona	...	1,643	3	...	...	1,643	3
Gumgaon	...	3,163	5	.	...	3,163	5
Kinhola	..	2,578	4	...	...	2,578	4
Linga	...	3,697	6	...	...	3,697	6
Panjra	...	3,646	5	...	...	3,646	5
Brahmanwara	...	1,907	3	...	...	1,907	3
Ladgarh	..	515	1	...	...	515	1
Dhugga	.	206	...	...	...	206	...
Sawal	...	3,877	6	...	...	3,877	6
Haili Kundi	...	3,023	5	...	...	3,023	5
Rahti	...	3,665	6	...	...	3,665	6
Dhanapur	...	4,319	7	...	...	4,319	7
Dhanoli	...	5,096	8	...	...	5,096	8
Guramsur	...	3,723	6	...	..	3,723	6
Manholi	...	4,080	6	...	...	4,080	6
Saleye	.	1,393	2	...	...	1,393	2
Amgaon	...	815	1	...	...	815	1
Malaigaon	...	2,164	3	...	...	2,164	3
Miragsur	...	6,035	9	...	...	6,035	9
Dahegaon	..	1,585	2	...	...	1,585	2
Sutharpur	..	2,104	3	...	...	2,104	3
Panchola	...	3,211	5	...	...	3,211	5
Thar	...	1,074	2	...	...	1,074	2
Manikwara		2,450	4	.	...	2,450	4
Mohwee	...	3,273	5	...	...	3,273	5
Bailgaon	...	2,169	3	...	...	2,169	3
Anjodi	...	2,544	4	...	...	2,544	4
Sirposni	...	1,498	2	...	...	1,498	2
Thurora	...	2,210	3	...	...	2,210	3
Total	...	117,304	183	...	...	117,304	183

ANNUAL FORM No. 46.—[*Prescribed*]—(Contd.)

Division.	Range.	Civil District or Territory.	Name of Forests.	Area on 1st July 1893.		Added during the year.	Excluded or transferred to other heads.	Area on 30th June 1894.		No. and date of Notification of addition or transfer.	Remarks.
				Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent in square miles.		
1	2	3	4	5	6	7	8	9	10	11	12
					RESERVED FORESTS.—(*Concld.*)						
					A. Class.—(Concld.)						
Wardha.—(Contd.)	Girtor ...	Wardha ..	Nahni ...	1,892	3	...	1,892	...	...	Transferred to Nagpur, *vide* Revenue Secretary's letter No. 3038, dated the 30th June 1893, to the Conservator of Forests, Southern Circle, Central Provinces.	
			Siwanphol ...	910	1	...	910	..	...		
			Mohgaon ...	1,244	2	...	1,244	..	...		
			Mangrul ..	1,984	3	...	1,984	..	...		
			Thargaon ...	3,516	6	...	3,516	...	...		
			Khaik ...	1,185	2	...	1,185	...	...		
			Total ...	10,731	17	...	10,731	...	...		
			TOTAL OF CLASS A. ...	128,035	200	...	10,731	117,304	183		
					B-II. Class.						
					Nil.						
					B.-I. Class.						
					Nil.						
					UNCLASSED FORESTS.						
					Nil.						
			TOTAL FOR DIVISION	128,035	200	...	10,731	117,304	183		

						RESERVED FORESTS.			
						A. Class.			
Raipur	Balod	Raipur	Sanjari	23,680	37	...	...	23,680	37
			Balod (North)	37,120	58	...	...	37,120	58
			Balod (South)	37,760	59	...	...	37,760	59
			Total	98,560	154	...	...	98,560	154
	Dhamtari	Do.	Bheja	34,560	54	...	...	34,560	54
			Dargahan	34,560	54	...	...	34,560	54
			Dhamtari	36,480	57	...	...	36,480	57
			Birjholi	34,560	54	...	...	34,560	54
			Total	140,160	219	...	...	140,160	219
	Sirpur Khallari	Do.	Mabasamund (Part)	8,320	13	...	...	8,320	13
			Sirpur	35,840	56	...	...	35,840	56
			Total	44,160	69	...	...	44,160	69
	Lown	Do.	Parsada	46,720	73	...	...	46,720	73
			Pipercheri	40,320	63	...	...	40,320	63
			Haldi	40,320	63	...	...	40,320	63
			Raitum	40,320	63	...	...	40,320	63
			Kantranala	3,548	6	...	...	3,548	6
			Total	171,228	268	...	...	171,228	268
			TOTAL OF CLASS A	454,108	710	...	...	454,108	710
						B-II. Class.			
	Sihawa (North)	Do.	Sarairookh	64,000	100	...	...	64,000	100
			Gattasili	64,000	100	...	...	64,000	100
			Goregaon	64,000	100	...	...	64,000	100
			Total	192,000	300	...	...	192,000	300
	Lown	Do.	Parsada	422	1	...	...	422	1
			Raitum	960	1	...	...	960	1
			Total	1,382	2	...	...	1,382	2

ANNUAL FORM No. 46.—[*Prescribed.*]—(Contd.)

Division.	Range.	Civil District or Territory.	Name of Forest.	Area on 1st July 1893.		Added during the year.	Excluded or transferred to other heads.	Area on 30th June 1894.		No. and date of Notification of addition or transfer.	Remarks.
				Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent in square miles.		
1	2	3	4	5	6	7	8	9	10	11	12
					RESERVED FORESTS.—(*Concld.*)						
					B-II. Class.—(Concld.)						
Raipur.—(Contd.) ...	Sihawa (South)..	Raipur ...	Sankara ...	88,320	138	...	...	88,320	138		
			Balargaon ...	88,320	138	...	..	88,320	138		
			Total ...	176,640	276	...	...	176,640	276		
	Khallari ... Sirpur ...	Do. ...	Khallari ...	35,200	55	...	...	35,200	55		
			Mahasamund ...	26,880	42	...	...	26,880	42		
			Total ..	62,080	97	...	...	62,080	97		
			TOTAL OF CLASS B-II...	432,102	675	..	..	432,102	675		
					B.-I. Class.						
					Nil.						
					UNCLASSED FORESTS.						
					Nil.						
		TOTAL	FOR DIVISION ...	886,210	1,385	...	...	886,210	1,385		

				RESERVED FORESTS. *A. Class*						
Sambalpur ...	Malikhaman ...	Sambalpur ...	Malikhaman ...	...	...	4,403	...	4,403	7	
	Barapahar ...	Do. ...	Chandlidongri ...	...	...	6,246	...	6,246	10	
			Burhampura Lambidongri.	...	...	4,646	...	4,646	7	
			Barapahar ...	...	...	116,356	13	116,343	182	No. 3084, dated the 5th July 1893.
			Halsuridongri ...	...	...	3,584	...	3,584	5	
			Laramkud ...	...	...	512	...	512	1	
			Lengramkud ...	...	...	102	...	102	...	
			Total ..	...	...	131,446	13	131,433	205	
	Sambalpur ...	Do. ..	Amkhaman Sagarpali...	...	...	4,812	...	4,812	8	
			Sonaridongri ...	...	...	2,345	...	2,345	4	
			Mowla Chanja ..	...	...	3,072	...	3,072	5	
			Ghichumara ...	...	...	5,427	...	5,427	8	
			Phuljar ..	...	...	2,188	...	2,188	3	
			Sangramall ...	...	...	3,788	...	3,788	6	
			Jhargbatti ...	...	...	6,568	...	6,568	10	
			Lambal Junan ...	...	...	1,704	...	1,704	3	
			Lomdongri ...	...	...	2,183	...	2,183	3	
			Burharaja ...	...	..	307	...	307	...	
			Lachmidongri ...	...	...	409	...	409	1	
			Motijharan ...	...	...	68	...	68	...	
			Nildongri ...	...	...	921	...	921	1	
			Kandrapat ...	...	...	1,024	...	1,024	2	
			Hathibari-Kulchara-Megpal.	...	...	29,644	...	29,644	46	
			Behra Khaman ...	...	...	102	...	102	...	
			Charbahali Khaman ...	...	...	1,126	...	1,126	2	
			Jaduloising Ganjghora..	...	...	13,414	...	13,414	21	
			Labdera Bulbunga ..	...	...	3,891	...	3,891	6	
			Birsingh Basiapara ...	...	...	33,177	...	33,177	52	
			Total ..	...	...	116,170	...	116,170	182	
			TOTAL OF CLASS A ..	...	...	252,019	13	252,006	394	

ANUAL FORM No. 46.—[*Prescribed.*]—(Contd.)

Division.	Range.	Civil District or Territory.	Name of Forest.	Area on 1st July 1893.		Added during the year.	Excluded or transferred to other heads.	Area on 30th June 1894.		No. and date of Notification of addition or transfer.	Remarks.
				Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent in square miles.		
1	2	3	4	5	6	7	8	9	10	11	12
					RESERVED FORESTS.—(*Concld.*) *B-II. Class.*						
Sambalpur.—(Contd.)	Malikhaman ...	Sambalpur ...	Malikhaman ...	4,403	7	...	4,403	..	...		
	Barapahar ...	Do. ..	Chandlidongri ...	6,246	10	...	6,246	..	...		
			Burhampura Lambidongri.	4,646	7	...	4,646	...	...		
			Barapahar ...	116,356	182	...	116,356	...	...		
			Halsurdongri ...	3,584	5	...	3,584	...	...		
			Laramkud ...	512	1	...	512	...	...		
			Lengramkud ...	102	...	...	102	..	...		
			Total ...	131,446	205	...	131,446	...	...		
	Sambalpur ...	Do. ...	Amkhaman Sagarpali...	4,812	8	...	4,812	...	...		
			Sonaridongri ...	2,345	5	...	2,345	...	...		
			Mowla Chanja ...	3,072	5	...	3,072	...	...		
			Ghichumara ...	5,427	8	...	5,427	...	...		
			Phuljar ...	2,188	3	...	2,188	...	...		
			Sangramall ...	3,788	6	...	3,788	...	...		
			Jharghatti ...	6,568	10	...	*6,568	...	...	* No. 2761, dated 15th June 1894.	* 84 acres excluded from Jhargatti.
			Lambal Junan ...	1,704	3	...	†1,704	...	...	† No. 2749, dated 14th June 1894.	† 84 acres added to Lambal Junan, *vide* Notification.
			Lomdongri ...	2,183	3	...	2,183	...	...		
			Burharaja ...	307	...	...	307	...	...		
			Lachmidongri ...	409	1	...	409	...	...		
			Motijharan ...	68	...	...	68	...	...		
			Nildongri ...	921	1	...	921	...	...		
			Kandrapat ...	1,024	2	...	1,024	...	...		
			Hathibari-Kulchara-Megpal.	29,644	46	...	29,644	...	...		

				Behara Khaman ...	102	...	...	102	...	...	
				Charbahali Khaman ...	1,126	2	...	1,126	...	...	
				Jadubloising Ganjghora..	13,414	21	..	13,414	...	...	
				Labdera Bulbunga ...	3,891	6	...	3,891	...	...	
				Birsingh-Basiapara ...	33,177	52	...	33,177	...	...	
				Total ...	116,170	182	...	116,170	...	...	
				TOTAL OF CLASS B-II...	252,019	394	...	252,019	...	...	
						B.-I Class.					
						Nil.					
						UNCLASSED FORESTS.					
						Nil.					
			TOTAL	FOR DIVISION ..	252,019	394	252,019	252,032	252,006	394	
						RESERVED FORESTS.					
						A. Class.					
Seoni ...	Korai ...	Seoni ...		Korai ...	75,250	117	...	...	75,250	117	
				Agri ..	33,122	52	...	..	33,122	52	
				Hathigarh ...	4,869	8	...	...	4,869	8	
				Baoli ...	1,254	2	...	...	1,254	2	
				Bormara ...	1,410	2	...	...	1,410	2	
				Rumli ...	681	1	...	*681	...	...	*Transferred to Gangaynala Range. It has by mistake been shown in Korai Range.
				Amagarh Pakhara ...	14,232	22	...	...	14,232	22	
				Total ...	130,818	204	...	681	130,137	203	
	Gangaynala ...	Do. ..		Gangaynala ..	68,404	107	...	...	68,404	107	
				Khawasa ...	14,424	23	...	...	14,424	23	
				Chaowri ..	1,571	2	...	...	1,571	2	
				Khameria ...	1,914	3	...	...	1,914	3	
				Rumli ...	...	...	*681	...	681	1	
				Total ...	86,313	135	681	...	86,994	136	

ANNUAL FORM No. 46.—[*Prescribed.*]—(Contd.)

Division.	Range.	Civil District or Territory.	Name of Forest.	Area on 1st July 1893.		Added during the year.	Excluded or transferred to other heads.	Area on 30th June 1894.		No. and date of Notification of addition or transfer.	Remarks.
				Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent in square miles.		
1	2	3	4	5	6	7	8	9	10	11	12
					RESERVED FORESTS.—(*Concld.*)						
					A. Class.—(Concld.)						
Seoni.—(Contd.) ...	Oogly ...	Seoni ...	Kariaphar ...	16,549	26	...	...	16,549	26		
			Oogly ...	56,553	88	...	...	56,553	88		
			Oolut Behreye ...	6,450	10	...	*18	6,432	10		*Transferred to class B.-I. *vide* Revenue Secretary to the Chief Commissioner, No. 4326, dated the 18th September 1893 & Conservator N.C., C.P., endorsement No. 3 757/1 044, dated the 9th September 1893.
			Total ...	79,552	124	...	18	79,534	124		
	Chhapara ...	Do. ...	Bijna ...	36,970	58	...	...	36,970	58		
			Bairoban ...	9,802	15	...	...	9,802	15		
			Total ...	46,772	73	...	...	46,772	73		
	Dhooma ...	Do. ...	Sher Kumari ...	25,788	40	...	...	25,788	40		
	Nerbada ...	Do. ...	Nerbada ...	18,474	29	...	...	18,474	29		
			Rijurwara ...	3,491	5	...	...	3,491	5		
			Kakurtalla ...	2,441	4	...	...	2,441	4		
			Hirumbhata ...	2,321	4	...	...	2,321	4		
			Total ...	26,727	42	...	...	26,727	42		
			TOTAL OF CLASS A. ...	395,970	619	681	699	395,952	619		
					B-II. Class.						
	Gangaynala ...	Do. ...	Kootkassa ...	1,885	3	...	...	1,885	3		
	Nerbada ..	Do. ...	Roto ..	24,840	39	...	...	24,840	39		
			Burwa Kachar ..	4,238	7	...	...	4,238	7		
			Dhooma ...	27,605	43	...	...	27,605	43		

			Tendopani ...	624	1	...	...	624	1
			Amoda ...	368	...	...	...	368	...
			Total ...	57,675	90	...	...	57,675	90
			TOTAL OF CLASS B-II...	59,560	93	...	...	59,560	93
					B.-I. Class.				
	Korai ..	Do. ...	Jamrapani ...	621	1	...	...	621	1
	Oogly ...	Do. .	Oogly ...	3,452	5	...	...	3,452	5
			Oolut Behreye ...	...	...	†18	...	18	...
			Total ..	3,452	5	18	...	3,470	5
	Chhapara ...	Do. ...	Bijna ...	1,423	2	...	...	1,423	2
			Bairobun ...	356	1	...	...	356	1
			Total ...	1,779	3	...	..	1,779	3
			TOTAL OF CLASS B.-I...	5,852	9	18	...	5,870	9
					UNCLASSED FORESTS.				
Seoni ...	Korai ...	Do. ...	Unclassed Forests ...	2,285	3	...	...	2,285	3
	Gangayeinala ..	Do. ...	Do. ...	534	1	...	...	534	1
	Oogly ...	Do. ...	Do. ...	11,924	19	...	...	11,924	19
	Chhapara ...	Do. ...	Do. ...	44,888	70	...	...	44,888	70
	Dhooma ...	Do. ...	Do. ...	64,406	101	...	...	64,406	101
	Nerbadda ...	Do. ...	Do. ...	32,343	50	...	...	32,343	50
		TOTAL OF	UNCLASSED FORESTS ...	156,380	244	..	...	156,380	244
		TOTAL	FOR DIVISION ...	617,762	965	699	699	617,762	965
	SOUTHERN CIRCLE		A. Class Forests ...	3,275,281	5,118	265,365	14,142	3,526,504	5,510
			B-II „ „ ...	2,605,557	4,071	...	252,932	2,352,625	3,676
			B-I. „ „ ..	211,393	331	18	8	211,403	330
			Unclassed „ ...	236,934	369	1,734	1,934	236,734	370
		TOTAL FOR SOUTHERN CIRCLE..		6,329,165	9,889	267,117	269,016	6,327,266	9,886

ANNUAL FORM No. 46.—[*Prescribed.*]

FOREST DEPARTMENT, NORTHERN CIRCLE, CENTRAL PROVINCES.

Area of Reserved Forests and Unclassed State Forests and Waste lands, 1893-94.

Division.	Range.	Civil District or Territory.	Name of Forest.	Area on 1st July 1893.		Added during the year.	Excluded or transferred to other heads.	Area on 30th June 1894.		No. and date of Notification of addition or transfer.	Remarks.
				Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent in square miles.		
1	2	3	4	5	6	7	8	9	10	11	12
					RESERVED FORESTS. *A. Class.*						
Mandla ...	Motinala ...	Balaghat ...	Topla ...	45,506	71	...	...	45,506	71		
			Keolikhapa ...	6,296	10	...	...	6,296	10		
		Mandla ...	Motinala ...	5,658	9	...	...	5,658	9		
			South Phen ...	77,891	121	...	...	77,891	121		
			North Phen ...	6,435	10	...	...	6,435	10		
			Total ...	141,786	221	...	...	141,786	221		
	Banjar ...	Balaghat ...	Banjar Valley Forest ..	17,280	27	...	...	17,280	27		
		Mandla ...	Do. do. ...	60,604	95	*750	...	61,354	96	* No. 2462, dated 24th May 1894.	
			Total ...	77,884	122	750	...	78,634	123		
	Jagmandal ...	Do. ...	Jagmandal ...	24,503	38	...	...	24,503	38		
			Choharigogarh ...	1,660	3	...	...	1,660	3		
			Airi ...	2,150	3	...	...	2,150	3		
			Total ...	28,313	44	...	...	28,313	44		
	Mandla ..	Do. ...	Malpathar ...	35,578	55	...	2,121	33,457	52		
			Altaria ...	6,336	10	...	...	6,336	10		
			Kurreygaon ...	23,342	36	...	...	23,342	36		
			Total ...	65,256	101	...	2,121	63,135	98		

	Dindori ...	Do. ...	Guthal ...	101,080	159	..	7,854	93,226	146
			Barbaspur ..	145,000	227	...	1,945	143,055	223
			Total ...	246,080	386	...	9,799	236,281	369
			TOTAL OF A CLASS ..	559,319	874	750	11,920	548,149	855
					B-I. Class.				
Mandla ...	Banjar ...	Mandla ...	Sara ...	1,000	12	1,484	...	2,484	40
			Malidadar ...	6,690		16,518	...	23,208	
			Total ...	7,690	12	18,002	...	25,692	40
	Jagmandal ...	Do. ...	Piparia ...	2,400	12	3,218	...	5,618	30
			Pipardone ...	281		...	281	...	
			Kurrachaper ...	4,500		4,463	...	8,963	
			Ladia ...	593		5	...	598	
			Munnia ...	225		...	225	...	
			Chabi ...	...	...	751	...	751	
			Deori ...	...	...	3,537	...	3,537	
			Total ...	7,999	12	11,974	506	19,467	30
	Mandla ...	Do. ...	Bijaigaon ...	238	17	...	238	...	17
			Mukas ...	1,550		1,090	...	2,640	
			Hoinmatta ..	600		268	...	868	
			Kathotia ...	1,000		268	...	1,268	
			Dongaria ...	500		463	...	963	
			Saliwara ...	104		293	...	397	
			Bhongachoar ...	89		17	...	106	
			Garha Deori ...	232		18	...	250	
			Deogaon ...	416		...	416	...	
			Malari ...	319		...	319	...	
			Paraswara ...	159		...	159	...	
			Saliwara ...	342		...	342	...	
			Munia ...	225		...	225	...	
			Kurreygaon ...	5,120		...	4,320	800	
			Gazipur ...	...		628	...	628	
			Malpathar ...	...	...	2,121	...	2,121	
			Umaria ...	...	...	400	...	400	
			Juna Mandla ...	...	...	425	...	425	
			Total ...	10,894	17	5,991	6,019	10,866	17

ANNUAL FORM No. 46.—[*Prescribed.*]

Division.	Range.	Civil District or Territory.	Name of Forest.	Area on 1st July 1893.		Added during the year.	Excluded or transferred to other heads.	Area on 30th June 1894.		No. and date of Notification of addition or transfer.	Remarks.
				Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent in square miles.		
1	2	3	4	5	6	7	8	9	10	11	12
					RESERVED FORESTS—(*Concld.*) *B-I. Class*—(Concld.)						
Mandla.—(Concld.)	Motinala ...	Mandla ...	Kurela ...	...	...	20,074	...	20,074	45		
			Patel Bamni ...	...	...	1,676	...	1,676			
			Balepani ...	...	...	5,812	...	5,812			
			Bamhori ...	...	...	1,551	...	1,551			
			Total ...	...	..	29,113	...	29,113	45		
	Dindori ...	Do. ...	Mudia ..	...	...	12,103	...	12,103	293		
			Chapri ...	...	...	1,566	..	1,566			
			Chatia, Block 49 ...	...	...	1,545	...	1,545			
			Chatia, „ 51 ...	..	...	3,906	...	3,906			
			Charpani ...	...	...	71,081	...	71,081			
			Sunderpur ...	...	...	6,023	...	6,023			
			Sukulpura ...	...	...	727	...	727			
			Keolari ...	...	...	4,879	...	4,879			
			Pather Kucha ..	...	...	2,850	...	2,850			
			Gwari ...	...	...	5,840	...	5,840			
			Musamundi ...	...	...	640	...	640			
			Katigahan ...	...	...	18,228	...	18,228			
			Kareli ...	...	...	1,571	...	1,571			
			Bargan ...	...	..	362	...	362			
			Bahera ...	...	...	192	...	192			
			Bachurgaon ...	...	...	121	...	121			
			Singpur ...	...	...	271	...	271			
			Majia Khar ...	...	..	485	...	485			
			Goothal ..	53,650	130	7,854	29,264	32,240			
			Barbaspur ..	29,300		1,945	8,568	22,677			
			Total ...	82,950	130	142,186	37,832	187,304	293		
	Shahpura ...	Do. ...	Devajhar ...	.	...	2,790	...	2,790			
			Deogaon ...	...	...	589	...	589			

Bharota ...	...	...	419	...	419	
Bastara ...	...	...	1,675	...	1,675	
Piparia ..	...	...	1,835	...	1,835	
Murkee ...	...	...	553	...	553	
Kanchanpur ...	...	...	311	...	311	
Karondi ...	...	...	2,525	...	2,525	
Sakti ...	...	...	1,672	...	1,672	
Danakhera ...	...	...	4,317	...	4,317	
Cowaghar ...	...	...	2,480	...	2,480	
Dadergaon ...	...	...	2,883	...	2,883	
Kutdhar ...		...	1,736	...	1,736	
Chapri ...	...	...	16,297		16,297	
Chowridadar ...	...	...	772	...	772	
Satpahri ...	...	...	613	...	613	
Umardadar ...	...	...	1,308	...	1,308	
Reram ..	...	...	5,983	...	5,983	
Khudri ...	...	...	1,797	...	1,797	
Amdari ..	...	...	1,212	...	1,212	
Saraswahi ...	...	...	5,826	...	5,826	
Bavalkur ...	...	...	19,272	...	19,272	
Jhurki ...	...	...	1,108	...	1,108	
Taori ...	...	...	1,100	...	1,100	
Padaria ...	...	...	8,778	...	8,778	
Amera ...	...	...	18,339	...	18,339	337
Umeria ...	...	...	9,537	...	9,537	
Muka ...	...	...	15,387	...	15,387	
Dohania ...	...	...	10,828	...	10,828	
Parkbera ...	...	...	14,362	...	14,362	
Ghussa ...	...	...	2,218	...	2,218	
Saliwara ...	...	...	498	...	498	
Masoorgughri ..	...	...	34,308	..	34,308	
Kherni ..	...	...	3,254	...	3,254	
Naigaon ...	...	...	1,726	...	1,726	
Subkhar ..	...	...	4,378	...	4,378	
Nevalpondi ...	...	...	7,573	...	7,573	
Bhurkund ...	...	...	1,972	...	1,972	
Russa ..	...	...	1,168	..	1,168	
Chandpura ...	...	...	153	...	153	
Chargaon ..	...	...	293	...	293	
Padaria ...	...	...	229	...	229	
Kudwa ...	...	...	345	...	345	
Singhar ..	..	...	145	..	145	
Balpur ..	...	..	235	...	235	
Dundodaipur ..	..	...	281	...	281	
Buainslagaon ..	...	...	235	...	235	
Total ...	...	...	215,315		215,315	337
TOTAL OF B-I. CLASS ..	109,523	171	422,581	44,357	487,757	762

ANNUAL FORM No. 46.—[*Prescribed.*]—(Contd.)

Division.	Range.	Civil District or Territory.	Name of Forest.	Area on 1st July 1893.		Added during the year.	Excluded or transferred to other heads.	Area on 30th June 1894.		No. and date of Notification of addition or transfer	Remarks.
				Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent in square miles.		
1	2	3	4	5	6	7	8	9	10	11	12
					RESERVED FORESTS—(*Contd.*) *B-II. Class.*						
Mandla.—(Contd.)	Motinala ...	Mandla ..	Kurela ...	32,166			20,074	12,092			
			Patel Bamni ..	12,469			1,676	10,793			* Added by re-measurement made by the Settlement Department.
			Balepani ...	20,436	104	*591	5,812	14,624	59		
			Bamhari ..	960			1,551	...			
			Neosa ...	325			...	325			
			Total ...	66,356	104	591	29,113	37,834	59		
	Banjar ..	Do. ...	Sara ...	6,207		...	1,484	4,723			
			Malidadar ...	74,586	126	...	16,518	58,068	99		
			Pondi ...	236		...	...	236			
			Total ...	81,029	126	...	18,002	63,027	99		
	Jagmandal ..	Do. ..	Moongli ...	600		...	...	600			
			Madpuri ...	577		...	...	577			
			Piparia ...	20,270		...	3,218	17,052			
			Sajpani ...	5,983		...	...	5,983			
			Karruchaper ...	28,882		...	4,463	24,419			
			Ghuyra ...	1,780		...	...	1,780			
			Chabi ..	3,346	124	...	751	2,595	106		
			Tabha ..	2,614		...	...	2,614			
			Deori ...	14,245		...	3,537	10,708			
			Sontekri ...	223		...	...	223			
			Kasota ...	272		...	...	272			
			Nakawal ...	279		...	...	279			
			Dhundka ...	400		...	...	400			
			Pipardone ...	...		*281	...	281			* Do. do.
			Munia ...	...		†225	...	225			† Do. do.
			Ludia ...	...		‡5	5	...			‡ Do. do.
			Total ...	79,471	124	511	11,974	68,008	106		

Mandla	...	Mandla	...	Mandla	...	Bori	...	281		...	...	281	
						Bastara	...	17,000		...	...	17,000	
						Peetala	...	1,383		...	...	1,383	
						Sahajani	...	480		...	...	480	
						Bamni	...	20,404		...	...	20,404	
						Jujhari	...	1,056		...	...	1,056	
						Mukas	...	14,822		...	1,090	13,732	
						Hanimatta	...	26,699		...	268	26,431	
						Kathotia	..	3,239		...	268	2,971	
						Dongaria	...	8,277		...	463	7,814	
						Kheri	...	313		...	...	313	
						Gazipur	...	856		...	628	228	
						Malpather	...	780		...	...	780	
						Jargi	...	870		...	...	870	
						Bijaigaon	...	322		...	...	322	
						Kurreygaon	...	432	163	...	...	432	
						Bhatiatola	...	304		...	...	304	
						Rata	...	422		...	...	422	
						Nerpa	...	1,718		...	...	1,718	166
						Umaria	...	1,032		...	400	632	
						Juna Mandla	..	599		...	425	174	
						Chamerwahi	...	252		...	...	252	
						Lalipur	...	221		...	...	221	
						Singanpur	...	256		...	..	256	
						Khursipar	...	240		...	...	240	
						Khersaru	...	479		...	...	479	
						Mohgaon	...	579		...	...	579	
						Bagaspur	...	256		...	...	256	
						Jhangul	..	416		...	...	416	
						Chargaon	...	145		...	...	145	
						Bijegaon	...	...		238	...	238	
						Deogaon	...	...		416	...	416	
						Malari	...	...		319	...	319	
						Paraswara	...	...		159	...	159	
						Salwara	..	..		342	...	342	
						Munia	...	...		225	...	225	
						Kareygaon	...	...		4,320	...	4,320	
						Total	...	104,133	163	6,019	3,542	106,610	166
		Dindori	...	Do.	...	Muria	...	15,750		...	12,103	3,647	
						hapri	..	1,684		...	1,566	118	
						Chatia	...	1,633		...	1,545	88	
						Deolapur	...	200		...	...	200	
						Chatia	...	16,588		...	3,906	11,682	
						Churpani	...	124,396		...	71,081	53,315	
						Sundarpur	...	10,767		...	6,023	4,744	
						Gothal	...	24,892		29,264	...	54,156	
						Majiakhar	...	770		...	485	285	
						Keolari	...	5,170		...	4,879	291	

ANNUAL FORM No. 46.—[*Prescribed.*]—(Contd.)

Division.	Range.	Civil District or Territory.	Name of Forest.	Area on 1st July 1893.		Added during the year.	Excluded or transferred to other heads.	Area on 30th June 1894.		No. and date of Notification of addition or transfer.	Remarks.
				Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent in square miles.		
1	2	3	4	5	6	7	8	9	10	11	12
					RESERVED FORESTS – (*Contd*) *B-II. Class* – (Concld.)						
Mandla.—(Contd.)	Dindori ...	Mandla ...	Patharchucha ...	2,925	483	...	2,850	75	336		
			Guari ...	13,673		...	5,810	7,833			
			Mosamandi ...	512		*128	640	...			* Added by re-measurement made by the Settlement Department.
			Kategahan ...	19,355		...	18,228	1,127			
			Kareli ...	1,907		...	1,571	336			
			Bargaon ...	392		...	362	30			
			Bahera ...	194		...	192	2			
			Bachargaon ...	192		...	121	71			
			Singpur ...	224		†47	271	...			† Do. do.
			Sukulpura ...	384		‡343	727	...			‡ Do. do.
			Barbaspur ...	...		8,568	...	8,568			
			Add as per re-measurement..	68,436		...	...	68,436			
			Total ...	309,044	483	38,350	132,387	215,007	336		
	Shahpura ...	Do. ...	Nagore ...	1,976		...	...	1,976			
			Dewajhar ...	5,369		...	2,790	2,579			
			Khursipar ...	1,086		...	...	1,086			
			Ghoogri ...	656		...	...	656			
			Doondoodeypur ...	352		...	281	71			
			Deogaon ...	977		...	589	388			
			Baramti ...	112		...	...	112			
			Baramta ...	400		§19	419	...			§ Do. do.
			Bastara ...	1,620		‖55	1,675	...			‖ Do. do.
			Piparia ...	3,556		...	1,835	1,721			
			Hurkee ...	526		¶27	553	...			¶ Do. do.
			Kanchanpur ...	562		...	311	251			
			Karondi ...	7,289		...	2,525	4,764			
			Sakti ...	2,540		...	1,672	868			
			Donekera ...	4,273		**44	4,317	...			** Do. do.
			Kawajhir ...	2,278		‡‡202	2,480	...			‡‡ Do. do.
			Dadargaon ...	5,286			2,883	2,403			
			Katdhar ...	2,890		...	1,736	1,154			

	Chapra ...	11,639		§§4,658	16,297	...		§§ Do do.
	Chowridadar ...	2,497		...	772	1,725		
	Satpahri ...	624		...	613	11		
	Amadadar ...	2,070		...	1,308	762		
	Reram ...	8,833		...	5,983	2,850		
	Khundri ...	3,106		...	1,797	1,309		
	Amdari ...	1,761		...	1,212	549		
	Saraswahi ...	10,966		...	5,826	5,140		
	Bavalkur ...	23,600		...	19,272	4,328		
	Jarki ...	955		‖‖153	1,108	...		‖‖ Do do.
	Taoori ...	4,752		...	1,100	3,652		
	Kajarwahi ...	964		...	...	964		
	Pararia ...	9,213		...	8,778	435		
	Amera ...	23,136		...	18,339	4,797		
	Umaria ...	13,136	771	..	9,537	3,599	432	
	Makka ...	18,768		...	15,387	3,381		
	Lugdara ...	1,656		...	...	1,656		
	Doohania ...	53,582		...	10,828	42,754		
	Barkhera ...	26,439		...	14,362	12,077		
	Ghoosa ...	3,182		...	2,218	964		
	Saliwara ...	840		...	498	342		
	Masoorghoogri ...	73,943		...	34,308	39,635		
	Kharni ...	4,504		...	3,254	1,250		
	Naigaon ...	3,370		...	1,726	1,644		
	Subkhar ...	19,107		...	4,378	14,729		
	Nevalpondi ..	46,808		...	7,573	39,235		
	Bhurkund ...	7,455		...	1,972	5,483		
	Roosa ..	1,180		...	1,168	12		
	Bhelai ...	384		...	...	384		
	Khapa ...	400		...	...	400		
	Chandpura ...	176		...	153	23		
	Soorajpura ..	384		..	...	384		
	Chargaon ...	384		...	293	91		
	Pararia ...	256		...	229	27		
	Patadeogaon ...	160		...	...	160		
	Kurwa ...	385		..	345	40		
	Pategaon ...	80		...	...	80		
	Singar ...	184		...	145	39		
	Murwahi ...	224		...	...	224		
	Chania ...	320		...	...	320		
	Balpur ...	364		...	235	129		
	Deodadar ...	1,104		...	...	1,104		
	Bainslagaon ...	156			235	...		
	Add by re-measurement.	68,430		79	*6,679	61,751		
	Total ...	493,225	771	5,237	221,994	276,468	432	
TOTAL	OF B.-II CLASS ..	1,133,258	1,771	50,708	417,012	766,954	1,198	
TOTAL	FOR DIVISION ...	1,802,110	2,816	474,039	473,289	1,802,860	2,817	

* Deducted from the total area added in 1892-93, because of the proper areas of some of the forest blocks having been obtained during the year from records of the new surveys made by the Settlement Department.

ANNUAL FORM No. 46.—[*Prescribed.*]—(Contd.)

Division.	Range.	Civil District or Territory.	Name of Forest.	Area on 1st July 1893.		Added during the year.	Excluded or transferred to other heads.	Area on 30th June 1894.		No. and date of Notification of addition or transfer.	Remarks.
				Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent in square miles.		
1	2	3	4	5	6	7	8	9	10	11	12
					RESERVED FORESTS—(*Contd.*) *A. Class.*						
Jubbulpore ...	Murwara ...	Jubbulpore ..	Machmacha ...	21,188	33	...	...	8,707	14		
			Sutri ...			...	*616	2,498	4		*Difference of area in old and new.
			Khitoli ...			...	...	9,367	15		
			Total ...	21,188	33	...	616	20,572	33		
	Jubbulpore ...		Pondi ...	2,718	16	...	...	...	...		
			Touri ...	7,684		...	1,357	9,045	14		
			Barha ...	7,833	12	...	295	7,538	12		
			Chutree ...	3,120	5	...	176	2,944	5		
			Lower Gour ...	5,521	9	...	255	5,266	8		
			Total ...	26,876	42	...	2,083	24,793	39		
	Dhanwahi ...	Mandla ...	Barela ...	8,212	13	...	...	8,212	13		
			Kalpi ...	44,572	70	...	...	44,572	70		
			Jamthar ...	3,944	6	...	...	3,944	6		
			Bijadandi ...	12,273	19	...	...	12,273	19		
			Jamoonia ...	1,690	3	...	...	1,690	3		
			Dobhi ...	4,670	7	...	...	4,670	7		
			Total ..	75,361	118	...	...	75,361	118		
			TOTAL OF A. CLASS ...	123,425	193	...	2,699	120,726	190		
					B-I. Class.						
	Dhanwahi ...	Mandla ...	Khairam ...	58	...	...	†58	...	...		† Transferred to B-I Class.
			Daba ...	642	1	...	642	...	...		
			Bustara ..	4,500	8	...	4,500	...	...		
			Bhabera .	539	1	...	539	...	...		

			Piparia	...	324	...	...	324	...	...
			Bijapur	...	525	1	...	525	...	...
			Sahajpur	...	304	...	...	304	...	...
			Pindrai	...	384	1	...	384	...	...
			Bhatadongri	...	782	1	...	782	...	...
			Chulia	...	151	...	...	151	...	...
			Maneri	...	257	...	...	257	...	...
			Bhur	...	67	...	...	67	...	...
Sihora	...	Jubbulpore ...	Umarpani	...	...	...	465	...	465	}
Do.	...		Deogaon	...	...	...	458	...	458	} 2
Burgee	...		Mahgawan	...	...	...	523	...	523	}
		Total of B-I. Class		...	8,533	13	1,446	8,533	1,446	2
						B-II. Class.				
Murwara	...	Jubbulpore ...	Guraiya	...	542	1	...	12	530	1
			Junwani	...	1,294	2	32	...	1,326	2
			Bara	...	1,257	2	...	187	1,070	2
			Karreho	...	1,254	2	13	...	1,267	2
			Hardua	...	2,812	4	...	40	2,772	4
			Banjari	...	726	1	...	74	652	1
			Surma	...	1,216	2	...	42	1,174	2
			Jaiwara	...	1,682	3	...	10	1,672	3
			Ghughri	...	2,762	4	...	40	2,722	4
			Darodi	...	1,677	3	...	132	1,545	2
			Majhgawan	...	1,408	2	30	...	1,438	2
			Bijori	...	2,443	4	...	146	2,297	3
			Gopalpur	...	4,313	7	...	330	3,983	6
			Kharain	...	1,213	2	...	107	1,106	2
			Jhiria	...	1,854	3	...	96	1,758	3
			Bijpura	...	5,312	8	...	265	5,047	8
			Karela	...	416	1	...	30	386	1
			Salaiya	...	392	1	...	51	341	1
			Jhapi Chaperwah	...	904	1	434	...	1,338	2
			Jorpahar	...	173	...	18	...	191	...
			Kudra	...	1,000	2	...	550	450	1
			Lakhapateri	...	951	1	...	16	935	1
			Jalasur	...	575	1	...	7	568	1
			Patharari	...	5,899	9	1,442	...	7,341	11
			Pathari	...	2,434	4	...	82	2,352	4
			Kainah	...	10,670	17	...	729	9,941	16
			Umdar	...	13,898	22	...	447	13,451	21
			Mamar	...	850	1	...	127	723	1
			Khas Belheri	...	1,476	2	...	218	1,258	2
			Bhainswahi Khas	...	502	1	...	15	487	1
			Total	...	71,905	113	1,969	3,753	70,121	110

ANNUAL FORM No. 46.—[*Prescribed.*]—(Contd.)

Division.	Range.	Civil District or Territory.	Name of Forest.	Area on 1st July 1893.		Added during the year.	Excluded or transferred to other heads.	Area on 30th June 1894.		No. and date of Notification of addition or transfer.	Remarks.
				Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent in square miles.		
1	2	3	4	5	6	7	8	9	10	11	12
					RESERVED FORESTS—(Contd.) *B-I. Class.*						
Jubbulpore.—(Contd.)	Sihora ...	Jubbulpore ..	Bijhota ..	15,222	72	...	268	14,954	23		
			Kathee ...	4,730	7	...	238	4,492	7		
			Checlapai ...	1,660	3	...	152	1,508	2		
			Dhanwah ...	651	1	...	76	575	1		
			Hargbar ...	418	1	...	1	417	1		
			Deogarh ...	8,237	13	...	269	7,968	12		
			Umarpani ...	8,551	13	...	*1,567	6,984	11		*Includes 465 acres selected for excision.
			Deogawan ..	1,708	3	...	†505	1,203	2		† Do. 458 do.
			Khuropani ...	5,127	9	...	630	4,497	7		
			Kunharpura ...	5,845	9	...	176	5,669	9		
			Garhat ...	503	1	...	29	474	1		
			Punwara ...	1,990	3	54	...	2,044	3		
			Daroli ...	610	1	...	3	607	1		
			Putna ...	2,697	4	...	69	2,628	4		
			Sainghar ...	958	1	11	...	969	1		
			Jamnia ...	361	1	...	16	345	1		
			Mangawan ...	799	1	...	115	684	1		
			Amoch ...	596	1	...	126	470	1		
			Kuan ...	1,088	2	...	60	1,028	2		
			Jujawal ...	825	1	...	29	796	1		
			TOTAL OF B-I. CLASS ...	62,576	99	65	4,329	58,312	92		
	Jubbulpore ...	Jubbulpore ...	Kundwara ...	2,922	5	128	...	3,050	5		
			Budhari ...	1,056	2	968	...	2,024	3		
			Sukree ...	1,694	3	...	78	1,616	3		
			Bijapuri ...	5,419	8	...	4,961	458	1		
			Gangaree ...	1,353	2	24	...	1,377	2		
			Dasrathpur ...	4,159	3	...	117	4,042	6		
			Kumbhi ...	1,101	6	2	...	1,103	2		
			Richai ...	653	1	...	179	474	1		
			Bamnipurvi ...	785		...	53	732	1		
			Total ...	19,124	30	1,122	5,388	14,876	24		

Burgee ...	Jubbulpore ..	Pararia	...	1,202	2	...	149	1,060	2
		Chundwaha	...	510	1	44	...	554	1
		Kathotia	...	1,807	3	.	168	1,639	3
		Khamkhera	...	713	1	31	...	744	1
		Saliwara	...	5,006	8	...	254	4,752	7
		Mankheri	...	310	..	37	...	347	...
		Khapa	...	577	1	...	212	365	1
		Sulwa	...	1,554	2	...	183	1,371	2
		Karanpathar	...	5,026	8	...	347	4,679	7
		Lohari	...	4,490	7	25	...	4,515	7
		Burgee Khas	...	950	1	...	26	924	1
		Narainpur	...	442	1	45	...	487	1
		Semra	...	5,289	8	...	271	5,018	8
		Tigra	...	3,276	5	...	597	2,679	4
		Mahgawan	...	583	1	...	*552	31	...
		Kelone	...	1,294	2	64	...	1,358	2
		Piparia	...	1,310	2	...	151	1,159	2
		Totan	...	705	1	...	117	588	1
		Total	..	35,044	54	246	3,020	32,270	50
	Mandla ..	Bastara	...	18,530	28	...	...	18,530	28
		Padaria	...	11,406	18	..	...	11,406	18
		Barangda	...	82	...	...	...	82	..
		Pondi (Bhauri)	..	1,888	3	...	...	1,888	3
		Salaiya	...	532	1	...	...	532	1
		Chargaon	...	388	1	...	...	388	1
		Bendrai	...	1,598	2	...	...	1,598	2
		Khapa	...	224	...	...	...	224	...
		Gunti	...	645	1	...	..	645	1
		Khairam	...	..	...	58	...	58	...
		Daba	..	...	..	642	...	642	1
		Bustara	...	...	...	4,500	...	4,500	8
		Bhabera	...	...	...	539	..	539	1
		Piparia	..	...	...	324	...	324	...
		Bijapur	...	...	...	525	...	525	1
		Sahajpur	...	...	...	304	..	304	...
		Pindrai	...	...	...	384	...	384	1
		Bhatadongri	...	...	...	782	...	782	1
		Chulia	...	...	...	151	...	151	...
		Maneri	...	...	...	257	...	257	..
		Bhur	...	...	...	67	...	67	...
		Total	...	35,293	54	8,533	...	43,826	67
	TOTAL OF B-II. CLASS		...	223,960	350	11,935	16,490	219,405	343
	TOTAL FOR DIVISION		...	355,918	556	13,381	27,722	341,577	534

* Includes 523 acres selected for excision.

ANNUAL FORM No. 46.—[*Prescribed.*]—(Contd.)

Division.	Range.	Civil District or Territory.	Name of Forest.	Area on 1st July 1893.		Added during the year.	Excluded or transferred to other heads.	Area on 30th June 1894.		No. and date of Notification of addition or transfer.	Remarks.
				Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent in square miles.		
1	2	3	4	5	6	7	8	9	10	11	12
					RESERVED FORESTS—(*Contd.*) *A. Class*—(Concld.)						
Damoh ...	Southern ...	Damoh ...	Singrampur ...	6,555	10	...	...	6,555	10		
			TOTAL OF A CLASS ...	6,555	10	...	...	6,555	10		
					B-1 *Class.*						
	Southern ...	Do. ...	Paliva ...	...	...	*1,084	...	1,084	2		*Transferred from B-2 Class Forests.
			Sanga ...	...	...	1,132	...	1,132	2		
			Ouria ...	...	...	343	...	343	1		
			Bagdari ...	...	...	450	...	450	1		
			Baheria ...	...	...	282	...	282	...		
			Lorhi ...	...	...	464	...	464	1		
			Hathidole ...	...	...	73	...	73	...		
			Kuakheri ...	...	...	319	...	319	1		
			Hanromathago ...	...	...	513	...	513	1		
			Rampura ...	...	...	1,228	...	1,228	2		
			Sarra Torra ...	...	...	107	...	107	...		
			Dhakarwah ...	...	...	310	...	310	...		
			Legra ...	...	...	1,943	...	1,943	3		
			Dudhia ...	...	...	717	...	717	1		
			Jamonjhiri ...	...	...	1,846	...	1,846	3		
			Gidra ...	...	...	254	...	254	...		
			Selpura ...	...	...	684	...	684	1		
	Central ...	Do. ...	Jamoona ...	...	...	252	...	252	...		
			Rajnagar ...	...	...	1,598	...	1,598	2		
			Damoh ...	...	...	192	...	192	...		
			Khamkhera ...	...	...	348	...	348	1		
			Pateria ...	...	...	150	...	150	...		
			Panda ...	...	...	206	...	206	...		

Northern	...	Do.	...	Hathidoh	...	...	...	372	...	372	1	
				Tokri	...	...	...	292	...	292	...	
				Bhensdoh	...	...	...	712	...	712	1	
				Chopra	...	...	...	529	...	529	1	
				Naipar	...	...	...	1,742	...	1,742	3	
			TOTAL OF B-1 CLASS		...	...	...	*18,142	...	18,142	28	
							B-2 Class.					
Southern	...	Do.	...	Sahajpur	...	11,306	18	...	...	11,306	18	
				Jamoon	...	9,893	16	...	...	9,893	16	
				Paliva	...	10,283	16	...	†1,084	9,199	14	† Transferred to B-1 Class Forests.
				Deori	...	13,774	22	...	...	13,774	22	
				Mahgawan	...	5,419	8	...	...	5,419	8	
				Pataria	...	3,282	5	...	...	3,282	5	
				Samdai	...	4,160	6	...	...	4,160	6	
				Sanga	...	11,611	18	...	1,132	10,480	16	
				Moharh	...	8,624	13	...	...	8,624	13	
				Ouria	...	3,873	6	...	343	3,530	6	
				Bagdari	...	10,652	17	...	450	10,202	16	
				Baheria	...	10,445	17	...	282	10,163	16	
				Lorhi	...	9,196	14	...	464	8,732	14	
				Hathidole	...	6,956	11	...	73	6,883	11	
				Kuakheri	...	3,178	5	...	319	2,859	4	
				Hanromrathago	...	12,054	19	...	513	11,541	18	
				Rampura	..	4,184	6	...	1,228	2,956	5	
				Kaliakohi	...	11,695	18	...	...	11,695	18	
				Sarra Tarra	...	3,310	5	...	107	3,203	5	
				Dhakarwah	...	9,503	15	...	310	9,193	14	
				Legra	...	9,653	15	...	1,943	7,710	12	
				Dudhia	...	15,534	24	...	717	14,817	23	
				Jamonjhiri	...	16,145	25	...	1,846	14,299	22	
				Deori	...	4,347	7	...	...	4,347	7	
				Tola	...	5,682	9	...	...	5,682	9	
				Cheryari	...	6,481	10	...	...	6,481	10	
				Konda Kallan	...	1,847	3	...	...	1,847	3	
				Bansipur	...	1,452	2	...	...	1,452	2	
				Aloni	...	6,136	10	...	...	6,136	10	
				Bhawarpani	...	8,835	14	...	...	8,835	14	
				Gidra	...	9,611	15	...	254	9,357	15	
				Selpura	...	9,401	15	...	684	8,717	14	
				Hinote	...	7,109	11	...	...	7,109	11	
				Total	...	265,631	415	...	†11,749	253,882	397	

ANNUAL FORM No. 46.—[*Prescribed.*]—(Contd.)

Division.	Range.	Civil District or Territory.	Name of Forest.	Area on 1st July 1893.		Added during the year.	Excluded or transferred to other heads.	Area on 30th June 1894.		No. and date of Notification of addition or transfer.	Remarks.
				Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent in square miles.		
1	2	3	4	5	6	7	8	9	10	11	12
					RESERVED FORESTS—(*Contd.*) *B-2 Class*—(Concld.)						
Damoh.—(Contd.)	Central	Damoh	Jamoon Hatri	6,298	10	...	...	6,298	10		
			Sorukhera	6,150	10	...	...	6,150	10		
			Chirvi	9,902	15	...	...	9,902	15		
			Babera	9,254	14	...	...	9,254	14		
			Balakatu	12,462	19	...	...	12,462	19		
			Jamoona	4,850	8	...	*252	4,598	8		* Transferred to B-I. Class Forests.
			Murabo	2,500	4	...	...	2,500	4		
			Rajnagar	8,134	13	...	1,598	6,536	10		
			Damoh	2,269	3	...	192	2,077	3		
			Khamkhera	5,147	3	...	348	4,799	7		
			Magra	11,305	18	...	...	11,305	18		
			Mahoba Danda	2,663	4	...	...	2,663	4		
			Piperia Mall	779	1	...	...	779	1		
			Gudri	2,429	3	...	...	2,429	4		
			Pateria	2,334	3	...	150	2,184	3		
			Garaghat	2,220	3	...	...	2,220	3		
			Baraya Phera	4,944	8	...	...	4,944	8		
			Padri	2,579	4	...	...	2,579	4		
			Zair	4,857	8	...	...	4,857	8		
			Burrat	1,670	3	...	...	1,670	3		
			Maria	4,831	8	...	...	4,831	8		
			Panda	5,436	9	...	206	5,230	8		
			Deotara	7,838	12	...	...	7,838	12		
			Jhada	3,526	6	...	...	3,526	6		
			Kheri	5,068	8	...	...	5,068	8		
			Total	129,445	202	...	*2,746	126,699	198		

Northern ...	Do. ...	Pancham Nagar ...	2,483	4	...	...	2,483	4	
		Sarai ...	9,695	15	...	...	9,695	15	
		Hathidoh ...	13,666	21	...	†372	13,294	20	† Transferred to B-I. Class Forests.
		Tokri ...	4,929	8	...	292	4,637	7	
		Ghora Khooria ...	6,908	11	...	...	6,908	11	
		Bori Kanora ...	4,511	7	...	...	4,511	7	
		Bhensdoh ...	5,448	8	...	712	4,736	7	
		Chopra ...	4,861	8	...	529	4,332	7	
		Naipar ...	6,565	10	...	1,742	4,823	8	
		Silapari ...	6,898	11	...	...	6,898	11	
		Karkohi ...	19,190	30	...	...	19,190	30	
		Manakpura ...	5,808	9	...	...	5,808	9	
		Chorya ...	7,902	12	...	..	7,902	12	
		Bhadkura ..	11,059	18	...	...	11,059	18	
		Karihara ...	9,492	15	...	...	9,492	15	
		Bardha ...	8,372	13	...	...	8,372	13	
		Puramakhera ...	193	...	...	...	193	...	
		Total ...	127,980	200	...	†3,647	24,333	194	
		TOTAL OF B-2 CLASS...	523,056	817	18,142	18,142	523,056	817	
				UNCLASSED STATE FORESTS.					
Northern ...	Damoh ...	Pheerlot ..	1,786	3	...	...	1,786	3	817·8 Acres selected by Settlement Department for excision.
		Shahpura ...	502				502		342·6
		Total ...	2,288	3	...	...	2,288	3	
Central ...	...	Kusmi ...	416	1	...	...	416	1	
Southern ...	...	Tejgarh ...	309				(a) 309		(a) 758·8 acres selected by Settlement Department for excision.
		Gopalpur ...	460				460		
		Samnapur, part of ..	328				328		
		Kapa Deori ...	373				(b) 373		(b) 373 do. do.
		Pidarai ...	298				(c) 298		(c) 298 do. do.
		Kamtara, part of ...	366				(d) 366		(d) 366 do. do.
		Kondal ...	1,204				1,204		
		Keolari ...	859				859		
		Kot Khura, part of ...	300	17			300	17	
		Sorashagli ...	770				(e) 773		(e) 235·55 do. do.
		Ubbasili ...	1,978				1,978		
		Putrighat ...	353				(f) 353		(f) 339 do. do.
		Bando Paharh ..	234				(g) 234		(g) 63 do. do.

ANNUAL FORM No. 46.—[*Prescribed.*]—(Contd.)

Division.	Range.	Civil District or Territory.	Name of Forest.	Area on 1st July 1893. Acres.	Area on 1st July 1893. Equivalent in square miles.	Added during the year. Acres.	Excluded or transferred to other heads. Acres.	Area on 30th June 1894. Acres.	Area on 30th June 1894. Equivalent in square miles.	No. and date of Notification of addition or transfer.	Remarks.
1	2	3	4	5	6	7	8	9	10	11	12
					RESERVED FORESTS—(*Contd.*) *Unclassed State Forests*—(Concld.)						
Damoh.—(Contd.) ...	Southern ...	...	Dasondi ...	345				(*a*) 345			(*a*) 79 acres selected by Settlement Department for excision.
			Bhenskhar ...	353				353			(*b*) 252 do. do.
			Bhourbi ...	641				(*b*) 641			(*c*) 85·82 do. do.
			Hardeo Hathighat ...	645				(*c*) 645			
			Khakariya Kallon ...	820				820			
			Total ...	10,639	17	...	...	10,639	17		
		TOTAL OF UNCLASSED FORESTS ...		13,343	21	..	...	13,343	21		
		GRAND TOTAL FOR DIVISION ...		542,954	848	..	...	542,954	848		
					A Class.						
Saugor ...	Hathkho ...	Saugor ...	Garahakota ...	2,899	5	...	...	2,899	5		
			Hathkho ...	19,492	30	...	...	19,492	30		
			Rangir ...	11,036	17	...	*42·89	10,993·11	17	* Disforested by Notification No. 2842, dated 21st June 1894.	
			Total ...	33,437	52	...	*42·89	33,384·11	52		
	Saugor ...	Saugor ...	Ranipura ...	7,909	12	...	...	7,909	12		
	Banda ...	Do. ...	Tigora ...	559	1	...	...	559	1		
			Total ...	8,468	13	...	...	8,468	13		
			TOTAL OF A CLASS ...	41,895	65	...	42·89	41,852	65		

					B-1 Class.					
Saugor ...	Do. ...		...	401	1	...	†401	...		† Wrongly classified as B-I. Transferred to B-II.
		Belkhadur	...	973	7	...	...	973	7	
		Amet	...	1,175		...	...	1,175		
		Dhao	...	528		...	‡228	300		
		Khanpur & Lalakpatan.		1,028		...	...	1,028		
		Pagaree-Naktee	...	247		...	...	247		
		Surtalao	...	214		...	...	214		
		Pahar Saugor or Amrud		200		...	...	200		
		Chitoli	...	150		...	...	150		
		Shampura	...	...	...	964	...	964	...	
		Sajichhapper	...	...	...	150	...	150	...	
		Maswasa Bari	...	...	...	100	...	100	...	
		Maswasa Choti	...	...	...	35	...	35	...	
		Zakhira Baharia	...	...	...	125	...	125	...	
		Kohar	..	...	...	300	...	300	...	
		Pagara	...	...	...	175	...	175	...	
		Bodha Piparia	...	...	...	17	...	17	...	
		Maswasa	...	...	...	16	...	16	...	
		Umaria	...	...	...	56	...	56	...	
		Naigaon	...	...	...	19	...	19	...	
		Jasraj	...	...	...	20	...	20	...	
		Bhulna Bhaogurh	...	...	...	7	...	7	...	
		Malthone	...	...	...	112	...	112	...	
		Madaya	..	...	...	6	...	6	...	
		Baratha	...	...	...	5	...	5	...	
		Patan	...	...	...	8	...	8	...	
		Bilaspur	...	...	...	11	...	11	...	
		Hayotia Khurd	...	...	...	7	...	7	...	
		Nanakapur	...	...	...	15	...	15	...	
		TOTAL OF B-I CLASS	...	4,916	8	‡2,148	629	6,435	10	‡ Transferred from B-2.
					B-2 Class.					
Do. ...	Do. ...	Jeysinagar	..	9,600	15	§401	...	10,001	16	§ Transferred from B-1.
		Jallandar	...	10,492	16	...	...	10,492	16	
		Rahatgar	...	26,233	41	..	...	26,233	41	
		Saugor Hills	...	2,081	3	...	...	2,081	3	
		Total	...	48,406	75	...	...	48,807	76	
Rehli ...	Do. ...	Abchand	...	26,240	41	...	‖37·38	26,203	41	‖ No. 1790, dated 12th April 1894.
		Buleh (Churari)	...	68,728	107	...	...	68,728	107	
		Singhpur (Tohurpur)	...	37,199	58	...	...	37,199	58	
		Bharrai (Mirgakhun)	...	24,670	39	..	...	24,670	39	
		Sehajpur	...	25,344	40	...	...	25,344	40	
		Total	...	182,181	285	...	37·38	182,144	285	

ANNUAL FORM No. 46.—[*Prescribed.*]—(Contd.)

Division.	Range.	Civil District or Territory.	Name of Forest.	Area on 1st July 1893.		Added during the year.	Excluded or transferred to other heads.	Area on 30th June 1894.		No. and date of Notification of addition or transfer.	Remarks.
				Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent in square miles.		
1	2	3	4	5	6	7	8	9	10	11	12
					RESERVED FORESTS—(*Contd.*) *B-2 Class*—(Concld.)						
Saugor.—(Contd.) ...	Khurai ...	Saugor ...	Bandri ...	27,611	43	...	...	27,611	43		
			Kunjia ...	15,671	24	...	...	15,671	24	* No. 1791, dated 12th April 1894.	
			Malthone ...	42,565	66	...	*38·12	42,527	66		
			Total ...	85,847	133	...	38·12	85,809	133		
	Banda ...	Do. ...	Behrole ...	41,402	65	...	..	41,402	65		
			Patrikota ...	27,614	43	..	...	27,614	43		
			Shahgarh ...	50,664	79	...	...	50,664	79		
			Total ...	119,680	187	...	...	119,680	187		
			Areas added to and transferred from B-2 Class Forests ...	*...	...	†228	‡2,148	—1,920	—3		†Transferred from B-1 Class Forests. ‡ Transferred to B-I Class Forests.
			TOTAL OF B-2 CLASS ...	436,114	681	629	2,223·50	434,520	679		
		TOTAL FOR DIVISION ...		482,925	754	2,777	2,895	482,807	754		
					A Class.						
Narsinghpur ...	Bachai ...	Narsinghpur ...	Kerpani ...	1,051	...	...	...	1,051	...		
			Kisbenpur ..	1,598	...	...	...	1,598	...		
			Datadongri ...	1,250	...	...	...	1,250	...		
			Jhirpani ...	14,511	...	...	...	14,511	...		
			Bakori ...	339	...	...	...	339	...		
			Singhori ...	4,465	...	...	...	4,465	...		
			Chawarpatha ...	358	...	...	...	358	...		
			Gourchappar ..	930	...	...	...	930	...		
			Jamunia ...	594	...	...	...	594	...		

		Dongaria ..	3,712	...	...	...	3,712	...
		Kanandal ..	1,353	...	...	...	1,353	...
		Sarra Dharia ..	7,144	...	...	...	7,144	...
		Gahgaon ..	2,550	...	...	...	2,550	...
		Lighari ..	4,045	...	...	...	4,045	...
		Total ..	43,900	69	...	...	43,900	69
Srinagar ..	Do. ..	Sherpiparia ..	603	...	...	...	603	...
		Bhadour ..	1,855	...	...	...	1,855	...
		Jhiri ..	398	...	...	...	398	...
		Bundha ...	909	...	...	...	909	...
		Nimkhera ..	370	...	...	...	370	...
		Jamunpani ..	2,082	...	...	.	2,082	...
		Omergarh ..	23,486	...	...	...	23,486	...
		Total	29,703	46	...		29,703	46
Kheri ..		Salechowka ..	17,930	...	...	...	17,930	...
		Total ..	17,930	28	...	...	17,930	28
Chougan Sub-Range (Kheri Range.)	Do. ..	Chougan ..	21,140	...	...	...	21,140	...
		Total ..	21,140	33	...	...	21,140	33
Richai ..	Do.	Khamaria ..	1,128	...	...	...	1,128	.
		Richai ..	792	...	...	...	792	...
		Bilgawan ..	709	...	...	...	709	...
		Ramkheria ..	894	...	...	...	894	...
		Mulkuhi ..	8,670	...	...	...	8,670	...
		Bikrumpur ..	255	...	...	...	255	...
		Total ..	12,448	19	...	...	12,448	19
Tendukhera Sub-Range (Richai Range) ...		Bhorpani ..	761	...	...	...	761	...
		Alampur ..	633	...	...	...	633	...
		Rajgarha ..	1,106	...	...	...	1,106	...
		Total ..	2,500	4	..	...	2,500	4
Richai ...	Saugor ..	Harikot ..	...	...	§22,050	...	22,050	34
	Damoh ..	Mehka, Khipa, Mehgawan ..	...	...	§5,558	...	5,558	9
	Saugor .	Dehibri, Amalhob, Dhewar and Pindrai ..	.	...	§12,416	...	12,416	19
		Total ..	...	...	40,024	...	40,024	63
		TOTAL OF A CLASS ..	127,621	199	40,024	...	167,645	262

§ Transferred from B-2 to A-Class Forests, *vide* Secretariat, Revenue Department, letter No 4957, dated the 23rd October 1893.

ANNUAL FORM No. 46.—[*Prescribed.*] - (Contd.)

Division.	Range.	Civil District or Territory.	Name of Forest.	Area on 1st July 1893.		Added during the year.	Excluded or transferred to other heads.	Area on 30th June 1894.		No. and date of Notification of addition or transfer.	Remarks.
				Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent in square miles.		
1	2	3	4	5	6	7	8	9	10	11	12
					RESERVED FORESTS.—(*Concld.*) *B-2 Class.*						
Narsingpur—(Contd.) ...	Richai ...	Saugor ...	Harikot ...	22,050	34	...	*22,050	...	...		* Transferred to A Class Forests, *vide* Secretariat, Revenue Department, letter No. 4957, dated 23rd October 1893.
	Do. ...	Damoh ...	Mehka, Khapa, Mehgawan ...	5,558	9	...	*5,558	...	...		
	Tendukhera Sub-Range ..	Saugor ...	Dilipri, Amakhoh, Dhilwar and Pindrai ...	12,416	19	...	*12,416	...	...		
			TOTAL OF B-2 CLASS ...	40,024	63	...	40,024	...	...		
			TOTAL FOR DIVISION ...	167,645	262	40,024	40,024	167,645	262		
					A Class.						
Hoshangabad ...	Rajaborari ...	Hoshangabad ...	Rajaborari ..	176,697	276	...	5,798	170,899	267		
	Kalibhit ...		Kalibhit ..	180,524	282	...	...	180,524	282		
	Bori ...		Bori ...	39,680	62	512	...	40,192	63		
	Seoni ...		Seoni ...	11,034	17	...	11,034	...	...		
			TOTAL OF A CLASS ...	407,935	637	512	16,832	391,615	612		
					B-2 Class.						
	Harda ...	Do. ...	Harda Charwa ...	306,076	479	...	†383,516	364,844	570		† Proposed for ryotwari settlement.
	Seoni ..		Seoni ...	62,552	98						
	Sohagpur ...		Sohagpur ..	287,736	449						
	Hoshangabad ...		Hoshangabad ...	91,996	144						
			Total ...	748,360	1,170	...	383,516	364,844	570		

							B-1 Class.				
	Harda ..	Do. ...	Harda Charwa ..								
	Seoni ..		Seoni ...		...	...	383,516	...	‡ 383,516	599	‡So classified pending final adjustment of areas There is a large error still remaining undetected in the total forest area of this division.
	Sohagpur ...		Sohagpur ..								
	Hoshangabad ..		Hoshangabad ...								
			Total	...	...	...	383,516	..	383,516	599	
		TOTAL FOR DIVISION		..	1,156,295	1,807	384,028	400,348	1,139,975	1,781	
							A Class.				
Betul ..	Tapti ...	Betul ...	Ambahathar	...	12,650	20	...	...	12,650	20	
			Ghotia	...	14,892	23	...	...	14,892	23	
			Tajree	...	17,920	28	...	...	17,920	28	
			Kanari	..	15,680	24	...	...	15,680	24	
			Chikalda	...	10,880	17	...	...	10,880	17	
			Ladubehra	...	21,120	33	...	...	21,120	33	
			Dhuwia	...	12,283	20	...	...	12,283	20	
			Gohar	...	1,920	3	...	...	1,920	3	
			Total	...	107,345	168	...	...	107,345	168	
	Bhowergarh ...	Do. ...	Jamgarh	...	17,920	28	...	...	17,920	28	
			Kotamavch	...	20,480	32	...	...	20,480	32	
			Bhowergarh	...	16,640	26	...	...	16,640	26	
			Temra	...	24,380	38	...	...	24,380	38	
			Mandha	...	10,240	16	...	...	10,240	16	
			Banspani	...	1,920	3	...	...	1,920	3	
			Total	...	91,580	143	...	...	91,580	143	
	Ranipur ...	Do. ...	Kheragondi	...	25,600	40					
			Chiklar	...	26,880	42					
			Mawar	...	16,000	25	...	§61,037	51,372	80	§ Proposed for ryotwari settlement.
			Retera	...	21,229	33					
			Materdeo	...	22,700	35					
			Total	...	112,409	175	...	...	51,372	80	
	Asir ...	Do. ...	Sagpandoo	...	19,400	30	...	...	19,400	30	
	Saonligarh ...	Do. ...	Dhekna	...	42,330	66	...	...	42,330	66	
			Tokra	...	27,916	44	...	...	27,916	44	
			Phoplia	...	15,641	24	...	...	15,641	24	
			Total	...	85,887	134	...	...	85,887	134	
		TOTAL OF A CLASS		..	416,621	650	...	61,037	355,584	555	

ANNUAL FORM No. 46.—[*Prescribed.*]

Division.	Range.	Civil District or Territory.	Name of Forest.	Area on 1st July 1893.		Added during the year.	Excluded or transferred to other heads.	Area on 30th June 1894.		No. and date of Notification of addition or transfer.	Remarks.
				Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent in square miles.		
1	2	3	4	5	6	7	8	9	10	11	12
			RESERVED FORESTS.—(*Concld.*)								
			B-2 Class								
Betul.—(Contd.) ...		Betul ...	Tapti ...	44,217	70	...	*2,700	41,517	66		* Proposed for ryotwari settlement.
			Bhowergarh ...	30,888	48	...	*11,680	19,208	30		
			Asir ...	137,097	214	...	*49,277	87,820	137		
			Dabka ...	185,190	289	...	...	185,190	289		
			TOTAL OF B-2 CLASS ...	397,392	621	...	63,657	333,735	522		
			B-1 Class.								
	Ranipur ...	Betul ...	Ranipur ...	...	...	†61,037	...	61,037	95		† Transferred from A Class Forests.
	Bhowergarh ...	Do. ..	Bhowergarh ...	...	...	‡11,680	...	11,680	18		
	Asir ...	Do. ..	Asir ...	...	...	‡49,277	...	49,277	77		‡ Transferred from B-2 Forests.
	Tapti ...	Do. ..	Tapti ...	...	...	‡2,700	...	2,700	4		
			TOTAL OF B-I CLASS ...	...	...	124,694	...	124,694	195		
			TOTAL FOR DIVISION ...	814,013	1,271	124,694	124,694	814,013	1,272		
			A Class.								
Nimar ...	Khandwa ...	Nimar ...	Susarda ..	853	1	...	...	853	1		
			Kanapur ...	7,680	12	...	...	7,680	12		
			Beria ...	6,080	9	...	...	6,080	9		
			Beheria ...	1,280	2	...	...	1,280	2		
			Bhojwa ..	720	1	...	...	720	1		
			Undria Baoria ..	3,100	5	...	...	3,100	5		
			Kirgaon ..	46,281	72	...	...	46,281	72		
			Borari ..	1,760	3	...	...	1,760	3		
			Teha ..	360	1	...	...	360	1		
			Total ..	68,114	106	...	...	68,114	106		

Punasa	...		Dehgaon	...	1,000	2	...	...	1,000	2
			Ajnal	..	1,237	2	...	...	1,237	2
			Gunjari	...	3,500	5	...	...	3,500	5
			Chaoria	...	170	...	...	...	170	...
			Bainpura	...	600	1	...	...	600	1
			Punasa	...	91,720	143	...	...	91,720	143
			Dhamangaon	...	23,728	37	...	...	23,728	37
			Chandgarh	..	61,440	96	...	..	61,440	96
			Chirakhan	...	3,185	5	...	...	3,185	5
			Purnidohad	...	5,120	8	...	...	5,120	8
			Andhli	...	1,280	2	...	...	1,280	2
			Singaji	...	21,280	33	...	...	21,280	33
			Khardba	...	360	1	...	...	360	1
			Total	...	214,620	335	...	...	214,620	335
Piplod	...		Gondwana	...	118,797	186	...	...	118,797	186
			Bainsa	...	50,311	79	...	...	50,311	79
			Total	..	169,108	265	...	...	169,108	265
Burhanpur	...	Nimar	Mandwa	...	44,826	70	...	...	44,826	70
			Semerdeo	...	55,734	87	...	...	55,734	87
			Jamboopani	...	116,845	183	...	...	116,845	183
			Ichha Debi	..	15,200	24	...	...	15,200	24
			Asir	..	59,418	93	...	...	59,418	93
			Amba	..	110,653	173	...	...	110,653	173
			Dehri	...	1,400	2	...	...	1,400	2
			Total	...	404,076	632	...	...	404,076	632
			TOTAL FOR A CLASS	...	855,918	1,338	...	...	855,918	1,338
						B- 1 Class.				
Khandwa	...	Nimar	Altude	...	7,213	11	...	...	7,213	11
Punasa	...		Bir	...	27,685	43	...	...	27,685	43
Piplod	..		Piplod	...	109,600	171	...	...	109,600	171
Burhanpur	...		Hiwia	...	57,484	90	...	...	57,484	90
Do.	...		Manjrod	...	99,304	155	...	...	99,304	155
			TOTAL FOR B-I CLASS	...	301,286	471	...	...	301,286	471
		TOTAL	FOR DIVISION	...	1,157,204	1,808	...	...	1,157,204	1,808

ANNUAL FORM No. 46.—[*Prescribed.*]—(Concld.)

Division.	Range.	Civil District or Territory.	Name of Forest.	Area on 1st July 1893.		Added during the year.	Excluded or transferred to other heads.	Area on 30th June 1894.		No. and date of Notification of addition or transfer.	Remarks.
				Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent in square miles.		
1	2	3	4	5	6	7	8	9	10	11	12
	Northern Circle.		A Class Forests ...	2,539,289	3,966	41,286	92,531	2,488,044	3,887		
			B-I " " ...	424,268	663	952,527	53,519	1,323,276	2,067		
			B-II " " ...	3,502,164	5,473	63,272	941,064	2,624,372	4,101		
			Unclassed " ...	13,343	21	...	...	13,343	21		
		TOTAL FOR NORTHERN CIRCLE.		6,479,064	10,123	1,057,085	1,087,114	6,449,035	10,076		
	GRAND TOTAL FOR CENTRAL PROVINCES.		A Class Forests ...	5,814,570	9,084	306,651	106,673	6,014,548	9,397		
			B-I " " ...	635,661	994	952,545	53,527	1,534,679	2,397		
			B-II " " ...	6,107,721	9,544	63,272	1,193,996	4,976,997	7,777		
			Unclassed " ...	250,277	390	1,734	1,934	250,077	391		
	TOTAL FOR CENTRAL PROVINCES ...			12,808,229	20,012	1,324,202	1,356,130	12,776,301	19,962		

ANNUAL FORM No. 47.—[*Prescribed.*]

FOREST DEPARTMENT, SOUTHERN CIRCLE, CENTRAL PROVINCES.

Statement showing the Progress made in, and the Expenditure incurred on, Forest Settlements during 1893-94.

Name of Forest Division.	Name of Civil District or Territory.	Area already settled at commencement of the year Sqr. Ms.	Areas finally settled during the year.						Areas undergoing Settlement.						Remarks.
			Number and date of Government order according final sanction to the Settlement.	Name of Forest settled.	Area in square miles.	Expenditure incurred during the year on areas finally settled— In Forest accounts.	Expenditure incurred during the year on areas finally settled— In other accounts.	Entire cost per square mile of areas finally settled during the year.	At commencement of the year. Name of tract.	At commencement of the year. Area in square miles.	Taken in hand during the year. Name of tract.	Taken in hand during the year. Area in square miles.	Expenditure incurred during the year on areas undergoing Settlement— In Forest accounts	Expenditure incurred during the year on areas undergoing Settlement— In other accounts	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
						Rs.	Rs.	Rs.					Rs.	Rs	
Balaghat ..	Balaghat ...	1,015	...	...	...	...	...	...	...	...	...	...	...	...	
Bhandara ...	Bhandara ...	550	...	...	...	...	...	...	...	...	...	...	...	...	
Bilaspur ..	Bilaspur ...	648	...	...	...	...	...	...	...	...	...	...	...	...	
Chanda ..	Chanda ...	3,376	...	...	...	...	...	...	*15 small blocks.	23	...	...	...	...	* Under preliminary notification.
Chhindwara ..	Chhindwara ...	706	...	...	...	...	...	...	...	...	...	...	...	...	
Nagpur ...	Nagpur and part of Wardha ...	535†	*Central Provinces Gazette* Notification No. 1193, dated the 7th March 1894.	Junawani.	3	...	...	...	...	...	...	...	...	...	† Includes 17 square miles of forests transferred from the Wardha to Nagpur Division for administrative convenience, *vide* Revenue Secretary to the Chief Commissioner, Central Provinces, Circular letter No. 30038, dated the 30th June 1893.
Wardha ...	Wardha ...	183	...	...	...	...	...	...	...	...	...	...	...	...	
Raipur ..	Raipur ..	1,385	...	...	...	...	...	...	...	...	...	...	...	...	
Sambalpur ..	Sambalpur ...	394	...	...	...	...	...	...	...	...	...	...	...	...	
Seoni ...	Seoni ...	721	...	...	...	...	...	...	...	...	...	...	...	...	
TOTAL FOR SOUTHERN CIRCLE...		9,513	...	...	3	...	...	...	...	23	...	...	...	...	

ANNUAL FORM No. 47.—[*Prescribed.*]

FOREST DEPARTMENT, NORTHERN CIRCLE, CENTRAL PROVINCES.

Statement showing the Progress made in, and the Expenditure incurred on, Forest Settlements during 1893-94.

Name of Forest Division.	Name of Civil District or Territory.	Area already settled at commencement of the year.	Areas finally settled during the year.						Areas undergoing Settlement.						Remarks.
			Number and date of Government order according final sanction to the Settlement.	Name of Forest settled.	Area in square miles.	Expenditure incurred during the year on areas finally settled—		Entire cost per square mile of areas finally settled during the year.	At commencement of the year.		Taken in hand during the year.		Expenditure incurred during the year on areas undergoing Settlement.		
						In Forest accounts.	In other accounts.		Name of tract.	Area in square miles.	Name of tract.	Area in square miles.	In Forest accounts	In other accounts.	
		Sqr. Ms.													
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
						Rs.	Rs.	Rs.					Rs.	Rs.	
Mandla ...	Mandla ...	2,816	2462, dated the 24th May 1894.	Kisli.	750 acres or 1·17 square miles.	...	...	...	...	..	...	...	...	...	
Jubbulpore ...	Jubbulpore ..	534	...	...	...	...	...	...	...	...	...	...	...	...	
Damoh ..	Damoh ..	827	...	...	...	...	...	...	...	...	...	...	...	...	
Saugor ...	Saugor ...	754	...	...	...	...	...	...	...	...	...	...	...	...	There are 21 square miles of unclassed State forests in Damoh, which just now cannot be taken up for Settlement, because portions of the tract are being examined for transfer to the Land Settlement Department for Ryotwari.
Narsinghpur ...	Narsinghpur ...	262	...	...	...	...	...	...	...	...	...	...	...	...	NOTE.—The great mass of the forests were reserved during 1878-79 under Section 34 of the Forest Act (VII of 1878). Forests since settled under Chapter II of the Act are shewn separately in supplementary Annual Form No. 47A. The areas so settled are, however, included in this Form.
Hoshangabad ...	Hoshangabad ...	1,781	...	...	...	...	...	...	...	...	...	...	...	...	
Betul ...	Betul ..	1,272	...	...	...	...	...	...	...	...	...	...	...	...	
Nimar ...	Nimar ...	1,808	...	...	...	...	...	...	...	...	...	...	...	...	
TOTAL FOR NORTHERN CIRCLE ...		10,054	...	...	1·17	...	...	...	...	...	...	...	...	...	
GRAND TOTAL FOR C. P. ...		19,567	...	...	4·17	...	...	...	...	23	...	...	...	...	

SUPPLEMENTARY FORM No. 47-A

FOREST DEPARTMENT, NORTHERN CIRCLE, CENTRAL PROVINCES.

Showing progress made in the settlement of Forests under Chapter II of the Forest Act (VII of 1878).

Division.	Area already settled at commencement of year.		Area settled during the year.		Remarks.
	Name of Forest.	Number and date of Government order according final sanction to the settlement.	Name of Forest.	Number and date of Government order according final sanction to the settlement	
Mandla ...	Certain leased area of waste land ...	3811, dated 20th October 1881 ...	Kisli	2462, dated 24th May 1894.	Note.—The areas thus settled are included in Form No. 47.
Do. ...	Bamhori Tahsil ..	3126, dated 20th May 1889 ...			
	Mandla Pargana ..				
	Raigarh Bichia ..				
Do. ...	Dhanpuri ...	4853, dated 6th August 1890 .			
Jubbulpore ...	Lokhri ..	1254, dated 14th March 1893			
	Tekritola ...				
Saugor ...	1. Budhon ...	4796, dated 23rd December 1880 ..			
	2. Pithoria				
	3. Chirari ..				
	4. Somera, Jambudwip and Kanera Gond ..				
	5. Baberia in Tahsil Khurai				
Do. ...	Mauzah Hanuta in Tahsil Khurai .	4796, dated 23rd December 1880 ...			
Do. ..	Beikhader ...	1417, dated 23rd March 1893 ...			
Nimar ...	Kamalia Khurd, Tahsil Khandwa .	3785, dated 28th July 1887 ...			
Do. ..	Samarpatha and Sukta Buzurg ...	1692, dated 27th March 1890 ...			
Do. ..	Morjhirra in Tahsil Khandwa ...	2313, dated 26th April 1888 .			
	Palsud in Tahsil Khandwa ..	3588, dated 7th August 1886 .			
Do. ...	Gardeo Wasali ..	1987, dated 8th April 1890 ...			
Do. ...	Kamalia ..	4697, dated 1st September 1890 ...			

ANNUAL FORM No. 48.—[*Prescribed.*]

FOREST DEPARTMENT, SOUTHERN CIRCLE, CENTRAL PROVINCES.

Record of Demarcation and Maintenance of Boundaries, 1893-94.

Division.	Length of boundaries artificially demarcated during the year.	Length of previously existing boundaries repaired.	Length of previously existing boundaries not repaired.	Total length of artificially marked boundaries at the close of the year.	Length of boundaries not demarcated at the close of the year.	Length of natural boundaries not requiring artificial marks.	Total length of boundaries at the close of the year.	Expenditure on demarcation during the year— On new work.	Expenditure on demarcation during the year— On repairs.	Remarks.
1	2	3	4	5	6	7	8	9	10	11
	Miles.	Miles.	Miles.	Miles.	Miles.	Miles.	Miles.	Rs.	Rs.	
Balaghat ...	...	1,066	24	1,090	...	71	1,161	437	387	
Bhandara ...	...	1,000	...	1,000	...	300	1,300	...	10	
Bilaspur ...	...	...	335	335	19	4	358	...	...	
Chanda ...	155	2,814	...	2,969	* 320	340	3,629	† 96	† 232	* Includes Zamindari boundary. † Exclusive of Rs. 419 representing the pay of Draftsman in the Divisional Office chargeable to A, VIII-D.
Chhindwara ...	...	905	669	1,574	...	19	1,593	...	237	
Nagpur ...	...	857	...	857	...	81	938	...	720	
Wardha ...	...	354	...	354	...	26	380	...	210	
Raipur ...	...	1,284	...	1,284	...	53	1,337	...	376	
Sambalpur ...	...	571	14	585	12	20	617	49	13	
Seoni ...	...	951	12	963	...	159	1,122	...	10	
TOTAL FOR SOUTHERN CIRCLE...	155	9,802	1,054	11,011	351	1,073	12,435	582	2,195	

N. B.—Boundaries include, besides the outer perimeter, the limits of enclosures of private or other lands within the forests, but not the limits of sub-divisions, such as blocks, compartments, coupes.

ANNUAL FORM No. 48.—[*Prescribed.*]

FOREST DEPARTMENT, NORTHERN CIRCLE, CENTRAL PROVINCES.

Record of Demarcation and Maintenance of Boundaries, 1893-94.

Division.	Length of boundaries artificially demarcated during the year.	Length of previously existing boundaries repaired.	Length of previously existing boundaries not repaired.	Total length of artificially marked boundaries at the close of the year.	Length of boundaries not demarcated at the close of the year.	Length of natural boundaries not requiring artificial marks.	Total length of boundaries at the close of the year.	Expenditure on demarcation during the year.		Remarks.
								On new work.	On repairs.	
1	2	3	4	5	6	7	8	9	10	11
	Miles.	Miles.	Miles.	Miles.	Miles.	Miles.	Miles.	Rs.	Rs.	
Mandla ...	1,034	2,842	...	3,876	..	48	3,924	2,194	506	
Jubbulpore ...	11	1,143	...	1,154	...	172	1,326	241	467	
Damoh ...	.	703	8	711	2	208	921	103	507	
Saugor ...	20	1,633	...	1,653	...	206	1,859	178	447	
Narsinghpur ..	...	434	...	434	..	155	589	...	92	
Hoshangabad ...	...	236	543	779	...	74	853	...	6	
Betul ...	...	1,548	...	1,548	...	83	1,631	...	69	
Nimar ...	71	845	...	916	...	176	1,092	481	440	
TOTAL FOR NORTHERN CIRCLE ...	1,136	9,384	551	11,071	2	1,122	12,195	3,197	2,534	
GRAND TOTAL FOR C. P. ...	1,291	19,186	1,605	22,082	353	2,195	24,630	3,779	4,729	

N. B.—Boundaries include, besides the outer perimeter, the limits of enclosures of private or other lands within the forests, but not the limits of sub-divisions, such as blocks, compartments, coupes.

ANNUAL FORM No. 49.—[*Prescribed.*]

FOREST DEPARTMENT, SOUTHERN CIRCLE, CENTRAL PROVINCES.

Statement of Forest areas Surveyed and under Survey during the year 1893-94.

Division.	AREAS SURVEYED AND UNDER SURVEY DURING THE YEAR.																										COST.			Remarks.
	SPECIAL SURVEYS—MAPS ON 4" SCALE OR OVER, BY SURVEY OF INDIA DEPARTMENT OR FOREST SURVEY BRANCH.								ORDINARY, INCLUDED IN DISTRICT SURVEYS.								CHAIN AND COMPASS OR OTHER SURVEYS BY LOCAL OFFICERS.													
	With interior details, 4" scale.					*Boundary surveys, 16" scale.*			*With interior details.*					*Boundary surveys.*			*With interior details.*					*Boundary surveys.*							
	With details of growing stock.		Without details of growing stock.		Total cost to 30th June 1894.	Previous.	Of the year.	Total cost.	With details of growing stock.		Without details of growing stock.		Total Cost.	Previous.	Of the year.	Total Cost.	4 Inch or over.		Under 4 inch.		Total Cost.	Previous.	Of the year.	Total cost.	Areas remaining to be taken under Survey.	Total Forest area at end of the year as per Form No. 46.	Previous.	Of the year.	Entire cost of all Surveys to end of the year.	
	Previous.	Of the year.	Previous.	Of the year.					Previous.	Of the year.	Previous.	Of the year.					Previous.	Of the year.	Previous.	Of the year.										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
	Sq. Ms.	Sq. Ms.	Sq. Ms.	Sq. Ms.	Rs.	Sq. Ms.	Sq. Ms.	Rs.	Sq. Ms.	Sq. Ms.	Sq. Ms.	Sq. Ms.	Rs.	Sq. Ms.	Sq. Ms.	Rs.	Sq. Ms.	Sq. Ms.	Sq. Ms.	Sq. Ms.	Rs.	Sq. Ms.	Sq. Ms.	Rs.	Sq. Ms.	Sq. Ms.	Rs.	Rs.	Rs.	
Balaghat ...	89	166	...	...	(a) 11,688	..	18	Cost included in column 6.	...	...	...	...	...	.	...	...	...	...	...	...	...	...	...	...	*572	1,112	2,252	9,436	11,688	* Exclusive of 285 square miles made available for cultivation.
Bhandara ...	†518	...	...	...	31,274	123	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	550	30,143	1,131	31,274	
Bilaspur ...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	648	648	...	...	...	
Chanda ...	127	...	...	...	12,613	8	...		...	...	...	...	...	...	...	...	...	...	...	...	...	7	...	24	‡3,238	3,402	12,155	458	12,613	‡ Exclusive of 37 square miles made available for cultivation.
Chhindwara ...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	707	707	...	...	...	
Nagpur ...	...	148	...	...	(b) 6,806	...	26		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	392	540	...	6,806	6,806	
Wardha ...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	183	183	...	...	..	
Raipur ...	863	145	...	...	58,164	107	20		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	378	1,385	48,110	10,054	58,164	
Sambalpur ...	...	...	...	...	...	...	...		...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	394	§394	...	...	...	
Seoni ...	...	...	...	...	(c) 4,654	...	.		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	§965	965	...	4,654	4,654	§ Exclusive of 9 square miles made available for cultivation.
TOTAL FOR SOUTHERN CIRCLE ...	1,593	459	...	...	1,25,199	238	64	...	...	...	.	...	..	..	.	...	...	...	...	...	...	7	...	24	7,468	9,986	92,660	32,539	1,25,199	

† Subject to correction on publication of Bhandara maps.
(a) Includes cost of an area of 336 square miles of triangulation.
(b) Includes cost of an area of 542 square miles of triangulation.
(c) No detailed survey done—530 square miles of triangulation.

ANNUAL FORM NO. 49—[*Prescribed.*]

FOREST DEPARTMENT, NORTHERN CIRCLE, CENTRAL PROVINCES.

Statement of Forest Areas surveyed and under Survey during the year 1893-94.

Division.	AREAS SURVEYED AND UNDER SURVEY DURING THE YEAR.																								Areas remaining to be taken under Survey.	Total Forest area at end of the year as per Form No. 46.	COST.			Remarks.
	SPECIAL SURVEYS—MAPS ON 4" SCALE OR OVER, BY SURVEY OF INDIA DEPARTMENT OR FOREST SURVEY BRANCH.								ORDINARY, INCLUDED IN DISTRICT SURVEYS.								CHAIN AND COMPASS OR OTHER SURVEYS BY LOCAL OFFICERS.													
	With interior details, 4" scale.					*Boundary surveys, 16" scale.*			*With interior details.*					*Boundary surveys.*			*With interior details.*					*Boundary surveys.*							
	With details of growing stock.		Without details of growing stock.		Total cost.	Previous.	Of the year.	Total cost.	With details of growing stock.		Without details of growing stock.		Total cost.	Previous.	Of the year.	Total cost.	4 Inch or over.		Under 4 inch.		Total cost.	Previous.	Of the year.	Total cost.			Previous.	Of the year.	Entire cost of all Surveys to end of the year.	
	Previous.	Of the year.	Previous.	Of the year.					Previous.	Of the year.	Previous.	Of the year.					Previous.	Of the year.	Previous.	Of the year.										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
	Sq.Ms.	Sq. Ms.	Sq.Ms.	Sq.Ms.	Rs.	Sq.Ms	Sq.Ms	Rs.	Sq. Ms.	Sq.Ms.	Sq.Ms.	Sq.Ms.	Rs.	Sq.Ms	Sq.Ms	Rs.	Sp.Ms	Sq.Ms	Sq.Ms	Sq.Ms	Rs.	Sq.Ms	Sq.Ms	Rs.	Sq.Ms.	Sq.Ms.	Rs.	Rs.	Rs.	
Mandla ... Jubbulpore ...	678	...	678	...	51,696	175	...	Column No. 6. includes cost of Boundary Surveys.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	(a.) 1,909	3,361	43,450	8,246	51,696	(a). Exclusive of 765 square miles of B-1 Class Forests.
Damoh ...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	(b.) 792	846	...	...	...	(b). Do. 35 do.
Saugor ...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	(c.) 747	754	...	...	...	(c). Do. 7 do.
Narsinghpur ...	61	138	61	138	14,740	29	47		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	(d.) 63	262	6,510	8,230	14,740	(d). Transferred from Damoh and Saugor to Narsinghpur.
Hoshangabad .. Betul ...	1,667	...	1,667	...	3,10,630	(e) 1,990	433		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	(g) 592	3,083	2,95,047	15,583	3,10,630	(e). Add 2,272·79 linear miles traversing.
Nimar ...	1,260·16	565·33	1,260·16	565·33	1,78,310	(f) 1,556	430		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1,608	98,521	81,789	1,78,310	(f). Add 1,187·4 linear miles traversing.
																														(g). Exclusive of 794 square miles of B-1 Class Forests.
TOTAL FOR NORTHERN CIRCLE.	3,666·16	703·33	3,666·16	703·33	5,55,375	3,320	910	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4,103	10,076	4,41,528	1,13,847	5,55,375	
GRAND TOTAL FOR C. P. ...	5,259·16	1,162·33	3,666·16	703·33	6,80,574	3,558	974	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	...	24	11,671	19,962	5,34,188	1,46,386	6,80,574	

ANNUAL FORM No. 50.—[*Prescribed.*]

FOREST DEPARTMENT, SOUTHERN CIRCLE, CENTRAL PROVINCES.

Progress made in Working-Plan, 1893-94.

Division.	Areas for which Working-Plans have been completed.		Areas for which Working-Plans are being compiled.		Areas for which Working-Plans have still to be taken in hand.	Total Forest area as in Form No. 46.	Entire cost per square mile of Working-Plans completed.	Remarks.
	At commencement of the year.	During the year.	At commencement of the year.	Taken in hand during the year.				
1	2	3	4	5	6	7	8	9
	Sq. Ms.	Sq. Ms.	Sq. Ms.	Sq. Ms.	Sq. Ms.	Sq. Ms.	Rs.	
			RESERVED	FORESTS.				
Balaghat ...	...	...	...	...	1,015	1,015	...	
Bhandara ...	...	...	...	400	150	550	...	
Bilaspur ...	...	...	3	...	645	648	...	
Chanda ...	...	...	...	20	3,356	3,376	...	
Chhindwara ...	...	...	...	...	706	706	...	
Nagpur ...	...	223	...	129	186	538	...	
Wardha ...	...	...	...	183	...	183	...	
Raipur ...	...	...	...	...	1,385	1,385	...	
Sambalpur ...	...	...	...	210	184	394	...	
Seoni ...	...	...	...	45	676	721	...	
Total ...	...	223	3	987	8,303	9,516	...	
			UNCLASSED	FORESTS.				
Balaghat ...	...	...	...	...	97	97	...	
Bhandara ...	...	...	...	...	...	...	...	
Bilaspur ...	...	...	...	...	...	...	...	
Chanda ...	...	...	...	...	26	26	...	
Chhindwara ...	...	...	...	...	1	1	...	
Nagpur ...	...	...	...	...	2	2	...	
Wardha ...	...	...	...	...	...	...	...	
Raipur ...	...	...	...	...	...	...	...	
Sambalpur ...	...	...	...	...	...	...	...	
Seoni ...	...	...	...	...	244	244	...	
Total ...	...	...	...	...	370	370	...	
TOTAL FOR SOUTHERN CIRCLE ...	...	223	3	987	8,673	9,886	...	

ANNUAL FORM No. 50—[*Prescribed.*]

FOREST DEPARTMENT, NORTHERN CIRCLE, CENTRAL PROVINCES.

Progress made in Working-Plans, 1893-94.

Division.	Areas for which Working-Plans have been completed.		Areas for which Working-Plans are being compiled.		Areas for which Working-Plans have still to be taken in hand.	Total Forest area as in Form No. 46.	Entire cost, per square mile, of Working-Plans completed.	Remarks.
	At commencement of the year.	During the year.	At commencement of the year.	Taken in hand during the year.				
1	2	3	4	5	6	7	8	9
	Sq. Ms.	Sq. Ms.	Sq. Ms.	Sq. Ms.	Sq. Ms.	Sq. Ms.	Rs.	
Mandla ...	...	37	...	...	2,018	2,055	Cost up to June 30th, 1894, exclusive of printing, Rs. 15,663, or average per square mile, Rs. 16·1.	
Jubbulpore ...	...	88	...	..	444	532		
Damoh ...	...	90	...	...	709	799		
Saugor ...	...	89	...	..	656	745		
Narsinghpur ...	...	129	...	...	133	262		
Hoshangabad ...	...	257	...	...	925	1,182		
Betul ...	...	164	...	...	913	1,077		
Nimar ...	...	119	...	160	1,058	1,337		
TOTAL FOR NORTHERN CIRCLE ...	...	973	...	160	6,856	7,989		
GRAND TOTAL FOR C. P. ...	...	1,196	3	1,147	15,529	17,875	16·1	

FORM No. 51.—[*Prescribed.*]

FOREST DEPARTMENT, SOUTHERN CIRCLE, CENTRAL PROVINCES.

Communications and Buildings during 1893-94.

Division.	NEW WORK UNDERTAKEN DURING THE YEAR.						REPAIRS EXECUTED DURING THE YEAR.						Remarks.
	BUILDINGS.		ROADS AND PATHS.			Total Expenditure on New work.	BUILDINGS.		ROADS AND PATHS.			Total Expenditure on Repairs.	
	Description of Building.	Expenditure incurred.	Road or Path and object of the same.	Length of Road or Path.	Expenditure incurred		Nature of Repairs.	Expenditure incurred.	Nature of Repairs.	Length repaired.	Expenditure incurred		
1	2	3	4	5	6	7	8	9	10	11	12	13	14
		Rs.		Miles.	Rs.	Rs.		Rs.		Miles.	Rs.	Rs.	
Balaghat .	Seven quarters (temporary) for Forest subordinates ...	100	Road from Bodaldulkha to Chuhiri (to facilitate removal of forest produce) ...	4	117	...	Repairs of 48 subordinates' quarters (temporary) .	183					
			Widening an ordinary foot-path to a cart road 35 feet wide, from Kukra to Khami (to facilitate the extraction of forest produce) ...	8	88	...			Surface repairs to existing roads ...	70¼	112	...	
	A new well at Khora to secure water-supply for Forest establishment and workmen ..	140	Widening a foot-path to a cart road 40 feet wide, from Panchera to Umerdhoni over a ghât (to facilitate the removal of forest produce) ...	½	10	...							
	Total ...	240		12½	215	455		183		70¼	112	295	

Bhandara ...	Two quarters (permanent) for Forest subordinates ...	222	Nil.						Surface repairs to existing roads undertaken and executed of their own free will without pecuniary remuneration by the people who resorted to the forests for their supplies ...	16	...	...
	Purchase of materials for subordinates' quarters (permanent)	239										
	Total ..	461		...	...	461		...		16	...	...
Bilaspur ...	Five quarters (temporary) for Forest subordinates ..	36	Re-surveying the Barighat by Public Works Department to obtain a better alignment than that given on the first survey, and to diminish the cost of each work ...	1½	156	...	Repairs to three Forest subordinates' quarters (temporary) ...	37	Nil.			
	Timber Depôt at Bilaspur ...	44	Existing track from Achanakmar to Barighat made passable for carts by the sloping off of Nalla approaches ...	4	40							
			Existing track from Surhi to Katami made passable for carts by the sloping off of Nalla approaches ...	4	42							
			Projection of a road over Wanganpat ghât to open up the forests in the above ghât ..	⅛	629							

ANNUAL FORM No. 51.—[*Prescribed.*]—(Contd.)

Division.	NEW WORK UNDERTAKEN DURING THE YEAR.						REPAIRS EXECUTED DURING THE YEAR.						Remarks.
	BUILDINGS.		ROADS AND PATHS.			Total Expenditure on New work.	BUILDINGS.		ROADS AND PATHS.			Total Expenditure on Repairs.	
	Description of Building.	Expenditure incurred.	Road or Path and object of the same	Length of Road or Path	Expenditure incurred.		Nature of Repairs.	Expenditure incurred	Nature of Repairs.	Length repaired.	Expenditure incurred		
1	1	2	3	5	6	7	8	9	10	11	12	13	14
		Rs.		Miles.	Rs.	Rs.		Rs.		Miles.	Rs.	Rs.	
Bilaspur (Concld.)			Road from Kotari to Belbhandur (to give access from the Raipur District to the Sonakhan Range ...	3	162								
	Construction of a tank at Korsa in Sonakhan Range.	29											
	Sinking a well at Maraji in the Sonakhan Range ...	15											
	Total ..	124		12½	1,029	1,153		37		...	...	37	
Chanda ...	Quarters for Range officers (permanent) of Moharli ...	35	Road from Chichpali to Satura, and construction of a bridge (to facilitate the extraction of forest produce) ...	6½	143		Repairs of Chanda Forest Bungalow ...	266	Surface repairs to existing roads and lowering steep gradients ...	508	1,031		
							Repairs to the Moharli Rest-house ...	33					
							Repairs of 96 Forest Guards' quarters (temporary) ..	588					
	Do. of Ahiri Range ...	467											

	Hospital Assistant quarters at Alapilly (completed) ...	130					Repairs to Karwa and Adhari tanks in the Haveli Range ...	30				
	Six Foresters and 21 Forest Guards' quarters (temporary) ...	307					Clearing of wells at the Alapilli Depôt and repairs to a tank.	5				
	One well in the Moharli nursery ...	232	Road from Karangi to Aksapur (to facilitate the extraction of forest produce. ...	7½	90							
	Total ...	1,171		14	233	1,404		922		506	1,031	1,953
Chhindwara ...	Quarters (temporary) for one Range officer.	50	Nil.				Repairs of 32 Forest subordinates' quarters (temporary) ...	51	Nil.			
	Quarters (temporary) for one Sub-Range officer ...	8										
	Quarters (temporary) for 4 Forest guards.	41										
	Total ...	99		...	...	99		51		...	...	51
Nagpur ...	Quarters (temporary) for one Range and one Sub-Range officer and 14 Forest guards.	311	Nil.				Repairs of 58 Forest subordinates' quarters (temporary) ...	216	Petty surface repairs to existing roads.	57	106	
	Total ...	311		...	.	311		216		57	106	322
Wardha ...	Quarters (temporary) for one Sub-Range officer ...	12	Nil.				Repairs of 25 subordinates' quarters (temporary) ...	66	Petty surface repairs to existing roads...	15	31	
	Total ...	12		...	...	12		66		15	31	97

ANNUAL FORM No. 51.—[*Prescribed.*]—(Concld.)

Division.	NEW WORK UNDERTAKEN DURING THE YEAR.						REPAIRS EXECUTED DURING THE YEAR.						Remarks.
	BUILDINGS.		ROADS AND PATHS			Total Expenditure on New work	BUILDINGS		ROADS AND PATHS			Total Expenditure on Repairs	
	Description of Building	Expenditure incurred	Road or Path and object of the same	Length of Road or Path	Expenditure incurred		Nature of Repairs.	Expenditure incurred	Nature of Repairs.	Length repaired	Expenditure incurred		
1	2	3	4	5	6	7	8	9	10	11	12	13	14
		Rs.		Miles	Rs	Rs		Rs		Miles	Rs	Rs.	
Raipur ...	Range officer's quarters (permanent) at Dhamtari (completed)	191	Road from Raitam to Muram Block ..	2½	9		Repairs of 3 (temporary) quarters of Forest subordinates .	10	Petty surface repairs to existing roads .	36	50	...	All the new roads in the Raipur Forest Division were constructed to facilitate the extraction of Forest produce from coupes.
	Range officer's quarters (permanent) at Singhpur (completed) ...	169	Road from Thakurdaiya by Gudagarh to Belabhandar ...	10	59								
	Quarters (temporary) for a Sub-Range officer at Banjari ...	13	Road from Arjuni to Barikel ...	1	2								
			Road from Mharmapura to Tamora ..	2	3								
			Road from Bandora to Mohkam ...	2	2								
			Road from Sonewara to Birjholee ...	5	8								
			Road from Banjari to Sanjari ...	3	7								
			Road from Madwapathora to Mulla ...	3	3								
		373		28½	93	466		10		36	50	60	

Sambalpur ..	Seven Forest guards' quarters (temporary).	24	Surveying and taking a line of levels along the Kujuria ghat road (about to be opened) ...	$3\frac{3}{10}$	22	...	Repairs of 22 Forest guards' quarters (temporary) ...	42	Repairs of existing road from Gangai to Mudkati ...	1	7	
	Total ...	24		$3\frac{3}{10}$	22	46		42		1	7	49
Seoni ...	Range officer's quarters (permanent) at Dootera ..	149	Nil.				Repairs to 4 Range officers' quarters (temporary) ...	19	Petty surface repairs to existing roads	34	61	...
	Sub-Range officer's quarters (temporary) at Chunderpur ...	19					Repairs to 6 Sub-Range officers' quarters (temporary) ...	25				
	Seven Forest guards' quarters (temporary).	78					Repairs to the Korai Rest-house (permanent) ..	27				
							Repairs to 61 Forest guards' quarters (temporary) ..	164				
	Total ...	246		...	...	246		235		34	61	296
TOTAL FOR SOUTHERN CIRCLE...		3,061		71	1,592	4,653		1,762		737¼	1,398	3,160

ANNUAL FORM No. 51—[*Prescribed.*]

FOREST DEPARTMENT, NORTHERN CIRCLE, CENTRAL PROVINCES.

Communications and Buildings during 1893-94.

Division.	NEW WORK UNDERTAKEN DURING THE YEAR						REPAIRS EXECUTED DURING THE YEAR.						Remarks.
	BUILDINGS.		ROADS AND PATHS			Total Expenditure on New work	BUILDINGS		ROADS AND PATHS			Total Expenditure on Repairs	
	Description of Building.	Expenditure incurred.	Road or Path and object of the same.	Length of Road or Path	Expenditure incurred		Nature of Repairs	Expenditure incurred	Nature of Repairs.	Length repaired	Expenditure incurred		
1	2	3	4	5	6	7	8	9	10	11	12	13	14
		Rs.		Miles.	Rs.	Rs.		Rs.		Miles.	Rs.	Rs.	
Mandla	Construction of :—		Construction of :—				Repairs, maintenance and up-keep of :—						
	1 Ranger's quarters...	176	2 Roads ..	5	101		4 Rest-houses	39					
	4 Sub-Range officers' quarters ...	385					1 Ranger's quarters..	7					
	29 Forest guards' huts.	191					3 Sub-Range officers' quarters .	12					
	2 Hurra godowns ...	13					12 Forest guards' huts.	82					
	Total ...	765	Total ..	5	101	866	Total ..	140	Total ..	..	...	140	
Jubbulpore.	Construction of :—		Construction of : —				Repairs, maintenance and up-keep of :—		Repairs, maintenance and up-keep of :—				
	1 Ranger's quarters .	14	Roads .	29½	464		1 Rest-house ..	113	Roads ...	117	341	...	
	1 Coolies' line ...	61					13 Forest chowkees ..	219					
	13 Temporary huts for Forest guards ...	345											
	Total ..	420	Total ..	29½	464	884	Total ..	332	Total .	117	341	673	
Damoh ...	Construction of :—						Repairs, maintenance and up-keep of —						
	2 Forest chowkees	30					8 Forest chowkees	12					
	Total ...	30	Total ...	...	...	30	Total ..	12	Total ..	..	...	12	

Saugor ...	Construction of :—						Repairs, maintenance and up-keep of :—		Repairs, maintenance and up-keep of :—			
	1 Forester's quarters.	384					1 Forester's quarters.	19	Roads ...	40	65	...
	4 Forest chowkees ...	48					16 Forest chowkees ...	47				
	Total ...	432	Total ..	...	...	432	Total ...	66	Total ...	40	65	13[illegible]
Narsinghpur..	.....						Repairs, maintenance and up-keep of :— 3 Forest chowkees ..	7				
	Total ...	...	Total ...	...	...	.	Total ...	7	Total ..	...	...	7
Hoshangabad.	Construction of :—						Repairs, maintenance and up-keep of :—					
	1 Forester's quarters.	40					5 Rest-houses ...	88	Repairs to Roads.	76	324	...
	8 Forest chowkees ...	110					56 Forest chowkees ...	278				
	Total ...	150	Total ...	...	...	150	Total ...	366	Total ...	76	324	690
Betul ...	Construction of :—											
	1 Forest guard's quarters	180	Construction of Roads...	5	728	.	Repairs, maintenance and up keep of :— 40 Forest chowkees ..	324	Repairs maintenance and up-keep of :— Roads ..	50	380	...
	Total ...	180	Total ...	5	728	908	Total ...	324	Total ...	50	380	704
Nimar ...	Construction of :— 6 Forest chowkees ...	93					Repairs, maintenance and up-keep of :— 41 Forest chowkees ...	245				
							1 Ranger's quarters...	5				
							1 Clearing to the compound of rest-house at Mandwae ...	2				
	Total ...	93	Total ...	...	...	93	Total .	252	Total ...	...	...	252
	TOTAL FOR NORTHERN CIRCLE ...	2,070	.....	39½	1,293	3,363	.....	1,499	.....	283	1,110	2,609
	GRAND TOTAL FOR C. P. ...	5,131	.....	110½	2,885	8,016	.....	3,261	.....	1,020½	2,508	5,769

ANNUAL FORM No. 52.—[*Prescribed.*]

FOREST DEPARTMENT, SOUTHERN CIRCLE, CENTRAL PROVINCES.

Register of Breaches of Forest Rules during 1893-94.

Forest Division.		Cases pending from 1892-93.	New cases of the year.					Total cases.	Disposed of during the year.						Cases pending at close of year.
			Injury to forest by fire.	Unauthorised felling or appropriation of wood and minor forest produce.	Grazing without permission, or in tracts in which grazing is prohibited.	Other offences.	Total new cases of the year.		Convictions.		Acquittals.		Total.		
									Cases.	Persons.	Cases.	Persons.	Cases.	Persons.	
1		2	3	4	5	6	7	8	9	10	11	12	13	14	15
		No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
Balaghat	A	...	3	..	...	...	3	3	3	7	...	3	3	10	...
	B	...		82	6	...	88	88	88	293	...	...	88	293	...
	C	..	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total	...	3	82	6	...	91	91	91	300	...	3	91	303	...
Bhandara	A	3	4	8	...	...	12	15	12	42	2	14	14	56	1
	B	28	...	334	39	7	380	408	405	1,293	...	...	405	1,293	3
	C	...	...	...	...	...	...	...	...	...	...	...	..	...	...
	Total	31	4	342	39	7	392	423	417	1,335	2	14	419	1,349	4
Bilaspur	A	...	7	1	2	1	11	11	9	24	2	5	11	29	...
	B	...	5	37	34	13	89	89	75	235	11	18	86	253	3
	C	...	3	...	...	...	3	3	...	...	...	...	..	...	...
	Total	...	15	38	36	14	103	103	84	259	13	23	97	282	3
Chanda.	A	...	4	5	...	...	9	9	6	17	3	9	9	26	...
	B	...	3	138	56	22	219	219	219	541	...	...	219	541	...
	C	...	...	...	...	...	...	...	...	...	..	...	...	...	...
	Total	...	7	143	56	22	228	228	225	558	3	9	228	567	...
Chhindwara	A	...	1	3	1	3	8	8	6	11	2	2	8	13	...
	B	...	1	394	45	21	461	461	367	669	94	157	461	826	...
	C	...	..	...	...	...	...	...	...	...	...	...	...	...	...
	Total	...	2	397	46	24	469	469	373	680	96	159	469	839	...

Nagpur	A...	1	1	...	3	...	4	5	3	5	2	6	5	11	...
	B...	13	...	12	43	1	56	69	59	256	1	2	60	258	9
	C...	...	...	...	...	...	...	...	...	.	...	...	..	...	...
	Total ...	14	1	12	46	1	60	74	62	261	3	8	65	269	9
Wardha	A...	...	...	..	...	...		...	...	...	...	...	...	...	...
	B...	21	...	5	13	1	19	40	33	107	1	1	34	108	6
	C...	..	...	...	..	...	...	...	...	...	...	...	...	...	...
	Total ...	21	...	5	13	1	19	40	33	107	1	1	34	108	6
Raipur	A...	...	...	1	...	...	1	1	..	...	1	3	1	3	...
	B...	..	...	92	58	3	153	153	153	438	...	...	153	438	...
	C...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total ...	...	...	93	58	3	154	154	153	438	1	3	154	441	...
Sambalpur	A...	1	7	19	1	1	28	29	15	42	8	20	23	62	6
	B	17	11	216	21	4	252	269	269	713	...	...	269	713	...
	C...	...	...	13	...	...	13	13	...	...	...	...	...	...	...
	Total ...	18	18	248	22	5	293	311	284	755	8	20	292	775	6
Seoni	A...	...	3	2	...	3	8	8	3	17	2	7	5	24	3
	B...	116	...	119	434	3	556	672	551	1,230		...	551	1,230	121
	C...	...	...	..	...	...	...	...	...	...	...	...	...	...	...
	Total ...	116	3	121	434	6	564	680	554	1,247	2	7	556	1,254	124
Total for Southern Circle..	A..	5	30	39	7	8	84	89	57	165	22	69	79	234	10
	B...	195	20	1,429	749	75	2,273	2,468	2,219	5,775	107	178	2,326	5,953	142
	C...	...	3	13	...	...	16	16	...	...	...	..	...	...	...
	Total ..	200	53	1,481	756	83	2,373	2,573	2,276	5,940	129	247	2,405	6,187	152

N. B.—A means cases taken into Court.
B means cases disposed of under Section 67 of Indian Forest Act, 1878.
C means undetected cases.

ANNUAL FORM No. 52.—[*Prescribed*].

FOREST DEPARTMENT, NORTHERN CIRCLE, CENTRAL PROVINCES.

Register of Breaches of Forest Rules during 1893-94.

Forest Division.		Cases pending from 1892-93.	New cases of the year.					Total cases.	Disposed of during the year.						Cases pending at close of year.
			Injury to forest by fire.	Unauthorised felling or appropriation of wood and minor forest produce.	Grazing without permission or in tracts in which grazing is prohibited.	Other offences.	Total new cases of the year.		Convictions.		Acquittals.		Total.		
									Cases.	Persons.	Cases.	Persons.	Cases.	Persons.	
1		2	3	4	5	6	7	8	9	10	11	12	13	14	15
		No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
Mandla	A ..	...	4	5		10	19	19	17	52	1	1	18	53	1
	B...	7	1	90	41	13	145	152	150	1,027	1	11	151	1,038	1
	C...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total ..		7	5	95	41	23	164	171	167	1,079	2	12	169	1,091	2
Jubbulpore	A...	...	1	17	6	2	26	26	21	43	5	15	26	58	...
	B...	2	...	167	83	2	252	254	221	676	30	67	251	743	3
	C...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total ...		2	1	184	89	4	278	280	242	719	35	82	277	801	3
Damoh	A...	...	...	2	...	...	2	2	2	12	...	...	2	12	...
	B...	...	...	173	78		251	251	251	572	...	...	251	572	...
	C ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total ..		...	...	175	78	...	253	253	253	584	...	...	253	584	...
Saugor	A...	...	2	20	12	3	37	37	26	44	10	43	36	87	1
	B...	122	.	370	292	65	727	849	785	1,828	...	...	785	1,828	64
	C...	...	...	3	1	2	6	6	...	...	...	...	...	...	...
Total ...		122	2	393	305	70	770	892	811	1,872	10	43	821	1,915	65

Narsinghpur ...	A...	1	10	...	...	...	10	11	7	22	...	15	7	37	4
	B...	...	...	33	8		41	41	41	123	...	...	41	123	...
	C...	...	...	...	...	..	...	...	...	...	...	...	...	...	..
Total ...		1	10	33	8	...	51	52	48	145	...	15	48	160	4
Hoshangabad ...	A...	1	2	1	1	..	4	5	4	16	1	1	5	17	...
	B...	3	2	52	42	14	110	113	113	356	...	...	113	356	...
	C...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total ..		4	4	53	43	14	114	118	117	372	1	1	118	373	...
Betul ...	A...	...	8	8	12	...	28	28	21	47	7	23	28	70	...
	B...	5	11	105	56	...	172	177	177	435	..	...	177	435	...
	C..	...	.	...	.	...	...		...	.	...	...	...	...	...
Total ...		5	19	113	68	.	200	205	198	482	7	23	205	505	...
Nimar ..	A...	..	...	...	...	...	...	.	..	...	...	..	...	...	...
	B...	...	3	82	99	1	185	185	185	366	...	..	185	363	...
	C...	..	...	3	...	...	3	3	...	...	...	...	...	...	...
Total ...		..	3	85	99	1	188	188	185	366	..	...	185	366	...
Total for Northern Circle.	A...	2	27	53	31	15	126	128	98	236	24	98	122	334	6
	B...	139	17	1,072	699	95	1,883	2,022	1,923	5,383	31	78	1,954	5,461	68
	C...	.	...	6	1	2	9	9	...	...	...	...	.	...	...
Total ...		141	44	1,131	731	112	2,018	2,159	2,021	5,619	55	176	2,076	5,795	74
GRAND TOTAL FOR C. P.	A...	7	57	92	38	23	210	217	155	401	46	167	201	568	16
	B..	334	37	2,501	1,448	170	4,156	4,490	4,142	11,158	138	256	4,280	11,414	210
	C ..	.	3	19	1	2	25	25		...	..	...	...	.	...
Total ..		341	97	2,612	1,487	195	4,391	4,732	4,297	11,559	184	423	4,481	11,982	226

N. B.—A means cases taken into Court.
B means cases disposed of under Section 67 of Indian Forest Act, 1878.
C means undetected cases.

ANNUAL FORM No. 53.—[*Prescribed.*]

FOREST DEPARTMENT, SOUTHERN CIRCLE, CENTRAL PROVINCES.

Area of Forest Tracts protected from fire during 1893-94.

Division.	Forest Tracts.	Year in which protection commenced.	Area protected during 1892-93.	Area attempted to be protected	Failures.	Area actually protected.	Cost.	Remarks.
1	2	3	4	5	6	7	8	9
	Southern Circle.		Acres.	Acres.	Acres.	Acres.	Rs. a. p.	
Balaghat ...	Pandratola ...	1872	4,817	4,817	...	4,817	113 14 3	
	Amoli Block ...	1888	160	160	...	160		
	Do. do. ...	1889	40	40	...	40	32 14 3	
	Do. do. ...	1890	809	809	...	809		
	Salebhurri Block ..	1890	4,047	4,047	...	4,047	84 14 3	
	Mân Block (portion) ...	1891	22,903	22,906	30	22,876	363 4 0	
	Uskal do. ...	1889	59,520	59,520	...	59,520	683 0 6	
	Rupjhar do. ...	1890	28,800	28,800	40	28,760	341 8 3	
	Sonawani Range ...	1889	52,507	52,520	316	52,204	810 15 10	
	Bhandamurri Block ...	1890	9,723	9,723	..	9,723	136 8 3	
	Total ...		183,326	183,342	386	182,956	2,566 15 7	Exclusive of Rs. 163-9-3 charged during 1893-94 on account of work done during 1892-93.
Bhandara ...	Gaikhuri Reserve ...	1888	76,057	76,092	...	76,092	822 3 3	
	Dudhara Do. ...	1888	10,044	10,044	515	9,529	199 9 3	
	Matora Reserve Domajhari ...	1894	...	480	...	480	16 7 0	
	Purkabori Reserve Khursipar ...	1894	.	429	...	429	23 10 0	
	Seeratee Rampuri Reserve Magar Dhokda ...	1894	...	499	...	499	5 12 0	
	Gai Dongri Reserve Khaksi ...	1894	...	64	...	64	1 0 0	
	Bedarthal Reserve Dhanoli ...	1894	...	192	...	192	2 0 0	
	Do. Bhurjar ..	1894	...	205	...	205	2 0 0	
	Do. Seonala ...	1894	...	217	4	213	3 0 0	
	Chickla Reserve Garra ...	1894	...	223		223	...	
	Chandpur Reserve South Sita Saongi ...	1894	...	505	...	505	..	
	Bawanthari North Goreghat ...	1894	...	237	...	237	2 0 0	
	Do. South Chiklee ...	1894	...	294	...	294	...	
	Do. do. Magurli ...	1894	...	243	...	243	...	
	Sangarhi Reserve Sangarhi ...	1894	...	403	27	376	...	

	Gumgaon Pipalgaon Reserve Dewalgaon	...	1894	...	211	...	211	...		
	Do. Pipalgaon	...	1894	...	326	...	326	...		
	Nilaj Reserve Nilaj	...	1894	...	352	2	350	...		
	Gumgaon Pipalgaon Puyar	...	1894	...	230	...	230	...		
	Kelod Reserve Kelod	...	1494	...	256	...	256	...		
	Total	⋮		86,101	91,502	548	90,954	1,077	9	6
										Exclusive of Rs. 117-13-4 charged during 1893-94 on account of work done during 1892-93.
Bilaspur	Lormi (Southern part)	...	1892	199,138	201,013	8,380	192,633	2,110	6	0
	Dorki	...	1890	450	450	...	450	31	10	8
	Bit Kuli	...	1883	33,155	33,155	8,000	25,155	564	3	10
	Chitapandaria	...	1890	2,207	2,207	2,207	...	82	0	0
	Sonakhan (Hathbari) Reserve	...	1870	2,123	2,123	...	2 123	1,053	11	8
	Do. remainder	...	1888	64,637	69,737	16,450	53,287			
	Total	..		301,710	308,685	35,037	273,648	3,842	0	2
										Exclusive of Rs 839 12-3 charged during 1893-94 on account of work done during 1892-93.
Chanda ...	Bhimaram	...	1873	6,467	6,467	...	6,467	1,165	12	5
	Do.	...	1875	5,829	5,829	..	5,829			
	Do.	...	1888	18,573	18,573	...	18,573			
	Mirkalloo	...	1875	5,268	5,268	...	5,268	919	6	5
	Do.	...	1876	3,211	3,211	...	3,211			
	Do.	...	1883	5,037	5,037	...	5,037			
	Elchil	...	1888	28,603	28,603	...	28,603	1,209	8	10
	Do. (extension)	...	1891	8,378	8,378	...	8,378			
	Muchli	...	1891	9,303	9,303	...	9,303	1,037	5	8
	Do. (extension)	...	1892	15,552	15,552	...	15,552			
	Taroba	..	1873	22,400	22,400	...	22,400	1,315	11	5
	Do.	...	1876	3,219	3,219	1,605	1,614			
	Goverdhan	..	1874	6,720	6,720	...	6,720	618	7	1
	Do.	...	1875	7,097	7,097	...	7,097			
	Do.	..	1879	114	114	...	114			
	Pipalkhot (part)	...	1882	16,423	16,423	...	16,423	665	15	6
	Do. (extension)	...	1894	...	8,576	...	8,576			
	Dada Mian	...	1889	20,998	20,998	...	20,998	399	3	10
	Karwa	...	1889	17,010	17,010	..	17,010	612	7	11
	Do. (extension or Tarpati)	...	1894	...	7,986	...	7,986			
	Upasha	...	1890	17,300	17,300	...	17,300	685	9	4
	Do. (extension)	..	1892	4,800	4,800	...	4,8 0			
	Agerjhari	...	1891	9,095	9,095	...	9,095	471	2	4
	Do. (extension)	...	1894	...	14,566	...	14,566			

ANNUAL FORM No. 53.—[*Prescribed*].—(Concld.)

Division.	Forest Tracts.	Year in which protection commenced.	Area protected during 1892-93.	Area attempted to be protected.	Failures.	Area actually protected.	Cost.	Remarks.
1	2	3	4	5	6	7	8	9
			Acres.	Acres.	Acres.	Acres.	Rs. a. p.	
	Bheokund ...	1889	23,381	23,381	...	23,381	1,053 11 3	
	Do. (extension) ...	1894	...	6,112	...	6,112		
	Ganpur ...	1890	26,500	26,500	7	26,493	942 14 10	
	Dewai ...	1891	24,625	24,625	...	24,625	773 10 0	
	Janona ...	1891	45,485	45,495	...	45,495	1,788 11 4	
	Do. (extension) ...	1894	...	13,868	...	13,868		
	Adari ...	1892	12,900	12,900	155	12,745	913 8 11	
	Do. (extension) ..	1893	7,695	7,695	...	7,695		
	Salori ...	1894	...	12,947	40	12,907		
	Lohara Hill, B Class ...	1888	1,831	1,831	...	1,831	182 3 0	
	Do. (extension) ...	1890	1,500	1,500	...	1,500		
	Total ...		375,314	4,39,379	1,807	437,572	14,885 6 1	Exclusive of Rs. 242-14-4 on account of protecting tracts not under special protection from fire.
Chhindwara ..	Jothi Khapa ...	1879	8,240	8,240	...	8,240	177 8 7	
	Selaywani Ghât (Khudbeli) ...	1890	18,000	18,000	71	17,929	418 2 6	
	Total ...		26,240	26,240	71	26,169	595 11 1	Inclusive of Rs. 105 incurred during June 1894, but charged in the accounts for July 1894.
Nagpur ...	Sylari Khappa ...	1875	42,580	42,580	4	42,576	695 4 9	
	Nagaiwari Block ...	1878	9,680	9,680	...	9,680	221 3 0	
	Nurhur Reserve ...	1881	30,800	30,800	...	30,800	510 5 2	
	Khairi Powni ...	1889	1,800	1,800	...	1,800	207 11 2	
	Manegaon ...	1894	...	200	...	200	5 4 0	
	Bazargaon ...	1894	...	150	...	150	11 6 0	
	Bibi ...	1894	...	100	...	100	5 12 9	
	Total ...		84,860	85,310	4	85,306	1,656 14 10	Inclusive of Rs. 168-5-1 charged in the accounts for July 1894.

Wardha	...	Erjhur Reserve	...	1880	11,911	11,911	400	11,511	280 0 9	
		Dhugga do.	...	1880	14,171	14,171	...	14,171	465 10 8	
		Malegaon do.	...	1888	6,590	6,590	...	6,590	312 15 1	
		Do. do.	...	1894	...	150	...	150	8 10 1	
		Total	...		32,672	32,822	400	32,422	1,067 4 7	Inclusive of Rs. 71-5-4 charged in the accounts for July 1894.
Raipur	...	Kantra Nala	...	1876	2,600	3,548	640	2,908	180 8 7	
		Do.	...	1889	292	292	...	292	10 0 0	
		Do.	...	1894	...	22,400	12,800	9,600	328 14 11	
		Rajoli Block	...	1889	6,880	7,680	6,720	960	347 11 0	
		Ranikhole do.	...	1889	7,895	8,960	...	8,960	315 15 5	
		Girgholi Rohasi	...	1890	2,560	2,560	350	2,210	180 5 5	
		Sirpur	...	1890	6,156	7,040	1,408	5,632	319 4 11	
		Banjari	...	1890	620	640	.	640	47-12 0	
		Kongeraghotgaon	...	1890	25,620	27,520	24,960	2,560	521 14 1	
		Bokramundi	...	1891	3,840	3,840	...	3,840	203 9 0	
		Total	...		56,463	84,480	46,878	37,602	2,455 15 4	
Sambalpur	...	Kulchar Forests (part)	...	1891	10,135	10,137	...	10,137	412 11 4	
		Do. do. (remainder)	...	1893	4,480	4,480	...	4,480		
		Parsuli Khamar Forests	...	1894	...	3,530	...	3,530		
		Patarpani Block	...	1892	14,416	15,360	6,400	8,960	287 14 9	
		Total	...		29,031	33,507	6,400	27,107	700 10 1	Exclusive of Rs 109-4 0 charged during 1893-94 on account of work done during 1892 93, and inclusive of Rs 75-4-1 incurred during the dry season of 1894, but charged in the accounts for July and August 1894.
Seoni	...	Korai Range, Korai Block	...	1869	31,210	31,210	...	31,210	690 0 0	
		Do. Sakata do.	...	1880	10,020	10,020	...	10,020	230 0 0	
		Do. Oomergarh Block	...	1888	10,080	10,080	...	10,080	230 0 0	
		Do. Rukhur do.	...	1888	2,240	2,240	...	2,240	50 0 0	
		Do. Agree do.	...	1891	12,660	12,660	...	12,660	285 0 0	
		Do. Nehelsurra do.	...	1892	7,700	7,700	...	7,700	175 0 0	
		Do. Raya Rao (part)	...	18 3	4,000	4,000	...	4,000	90 0 0	
		Gangeynalla Range, Umbara Block	...	1888	39,200	39,200	7,160	32,040	388 0 0	
		Khumba do.	...	1891	18,240	18,240	...	18,240	222 0 0	
		Oogly Range, Oolut Behary	...	1889	3,350	3,350	...	3,350	63 0 0	
		Cheereedongree	...	1894	...	15,360	3,010	12,350	257 0 0	
				Total ...	138,700	154,060	10,170	143,890	2,660 0 0	
		TOTAL FOR SOUTHERN CIRCLE		...	1,314,417	1,439,327	101,701	1,337,626	31,508 7 3	

ANNUAL. FORM No. 53—[*Prescribed.*]

FOREST DEPARTMENT, NORTHERN CIRCLE, CENTRAL PROVINCES.

Area of Forest Tracts protected from fire during the dry season 1894, to accompany Report for 1893-94.

Division.	Forest Tracts.	Year in which protection commenced.	Area actually protected up to 15th June 1893.	During dry season of 1894.			Cost during the season.	Remarks.
				Area attempted to be protected.	Failures.	Actually protected.		
1	2	3	4	5	6	7	8	9
			Acres.	Acres.	Acres.	Acres.	Rs.	
Mandla ...	Bunjar Valley Forests	1876	49,720	49,724	1,200	48,524		
	Do. do.	1888	467	467	...	467		
	Do. do.	1889	10,413	10,413	...	10,413	871	
	Do. do.	1890	17,280	17,280	...	17,280		
	Motinala	1875	1,658	1,658	...	1,658		
	Do.	1889	3,995	4,000	...	4,000	262	
	Jagmandal	1867	24,503	24,503	200	24,303	810	
	Choharigogarh	1872	1,660	1,660	...	1,660	50	
	Airi	1867	2,150	2,150	...	2,150	57	
	Topla	1867	45,504	45,506	100	45,406	555	
	Keoli Khapa	1889	6,296	6,296	...	6,296	200	
	South Phen	1889	45,957	45,957	...	45,957	546	
	North Phen	1890	6,435	6,435	...	6,435	117	
	Mandla Range, 24 Working Circles ...	1893	55,077	59,054	905	58,149	333	
	Jagmandal do. 9 do. ...	1893	14,928	15,251	218	15,033	147	
	Banjar do. 5 do. ...	1893	8,435	9,024	2,050	6,974	150	
	Motinala do. 9 do. ...	1893	9,990	11,624	3,438	8,186	71	
	Dindori do. 35 do. ...	1893	58,546	60,449	...	60,449	160	
	Shahpura do. 30 do. ...	1893	46,022	44,309	1,822	42,487	319	
	Total ...	.....	409,036	415,760	9,933	405,827	4,648	
Jubbulpore ...	Lower Gour, Working Circle ...	1882	5,266	5,266	...	5,266	280	
	Bijeraghogarh	1871	20,572	20,572	...	20,572	496	
	Sonepur	1889	16,583	16,583	3½	16,579½	688	Including Bagharajee Working Circle.
	Barela	1878	8,212	8,212	...	8,212	270	
	Karondi Kalan, Working Circle ...	1893	5,047	5,047	...	5,047	...	No special expenditure incurred.
	Bhainswahie do. ...	1893	4,881	4,881	...	4,881	14	

	Lakhapatari do.	...	1893	14,954	14,954	110	14,844	25	
	Majhagawan do.	...	1893	9,263	9,263	½	9,262½	14	
	Khamtara Parna do.	...	1893	14,954	14,954	...	14,954	13	
	Karopani do.	...	1893	10,250	10,250	...	10,250	24	
	Sukri do.	...	1893	4,560	4,560	...	4,560	36	
	Burgee do.	...	1893	7,461	7,461	...	7,461	.....	No special expenditure incurred
	Kathotia do.	...	1893	7,482	7,482	...	7,482	.....	Ditto.
	Dhobi do.	...	1893	10,245	10,245	...	10,242	42	
	Samnapur do.	...	1893	11,794	11,794	...	11,794	42	
	Bular Phahar Compartment	...	1894	...	519	...	519	20	
	Total	...	.....	151,526	152,043	114	151,929	1,964	
Damoh ...	Singhrampur ...	...	1871	6,485	6,555	...	6,555		
	Madhiadoh ...	...	1885	193	193	...	193		
	Badya Khera ...	...	1878	694	694	...	694		
	Singhpur ...	...	1875	1,510	1,525	1,525	...		
	Sehru ...	...	1878	1,056	1,056	...	1,056		
	Bansipur ...	...	1878	484	1,452	...	1,452	470	
	Dhudia Tendni Madho ...	...	1878	13,073	13,073	13,073	...		
	Phulur ...	...	1878	786	826	...	826		
	Southern Range, 9 Working Circles	...	1893	56,993	56,993	6,990	50,003		
	Northern Range, 4 do.	...	1893	57,445	57,445	18,324	39,121		
	Central Range, 7 do.	...	1893	57,227	59,377	8,585	50,792		
	Total	...	.....	195,946	199,189	48,497	150,692	470	
Saugor ...	Garhakota ...	...	1875	2,555	2,899	...	2,899	44	
	Tigora ...	...	1879	552	559	...	559	36	
	Ranipura ...	...	1879	7,909	7,910	250	7,660	113	
	Hathkhoh ...	...	1875	19,492	19,492	25	19,467	229	
	Rangir ...	...	1875	10,979	10,993	...	10,993	56	
	Jalandhar ...	...	1880	2,885	2,885	300	2,585	.....	No special expenditure incurred.
	Hirapur Bassa ...	...	1886	1,485	1,485	...	1,485	.....	Ditto.
	Other small tracts ...	...	.....	6,597	6,444	930	5,514	.....	Ditto.
	Banda, 8 Working Circles	...	1893	14,976	19,476	3,230	16,246	20	
	Rehli, 5 do.	...	1893	23,282	20,974	3,964	17,010	48	
	Rahatgurh, 3 do.	...	1893	14,061	9,120	200	8,920	84	
	Khurai, 5 do.	...	1893	13,142	13,142	900	12,242	60	
	Sejpur, 6 do.	...	1893	...	9,836	94	9,742	.....	No special expenditure incurred.
	Total	...	.....	117,715	125,215	9,893	115,322	690	

ANNUAL FORM No. 53.—[*Prescribed.*]—(Concld.)

Division.	Forest Tracts.	Year in which protection commenced.	Area actually protected up to 15th June 1893.	During dry season of 1894.			Cost during the season.	Remarks.
				Area attempted to be protected.	Failures.	Actually protected.		
1	2	3	4	5	6	7	8	9
			Acres.	Acres.	Acres.	Acres.	Rs.	
Narsinghpur ...	Rajgarha	1889	1,280	1,280	...	1,280	70	
	Richai, 2 Working Circles ...	1893	9,980	9,980	1,200	8,780		
	Shreenager, 2 do. ...	1893	10,635	10,635	30	10,605	82	
	Bachai, 3 do. ...	1893	28,414	28,469	1,880	26,589	147	
	Khairi, 2 do. ...	1893	15,225	25,003	110	24,893		
	Salehchowka	1839	19,200	19,200	...	19,200	245	
	Chouriagarh	1890	1,000	1,000	...	1,000		
	Total ...	.....	85,734	95,567	3,220	92,347	544	
Hoshangabad ...	Kalibhit Range	1874, 1890, 1892	79,390	180,524	500	180,024	722	
	Rajaborari do.	1875	119,360	177,929	...	177,929	1,856	
	Bori do.	1864&79	39,680	41,633	...	41,633	903	
	Dhekna, A. Class Forests	1875&83	11,034	7,537	...	7,537	325	
	Seoni Range, 4 Working Circles ...	1893	45,541	71,840	300	71,540	59	
	Hoshangabad Range, 2 Working Circles ...	1893	43,194	47,327	...	47,327	30	
	Do. Kesla Block ...	1894	...	18,750	700	18,050	... ..	No special expenditure.
	Sohagpur	1893	60,538	48,360	...	48,360		
	Do. Malui	1892	126,005	129,356	...	129,356	346	
	Do. Cho ka	1894	...	86,142	300	85,842		
	Harda Range	1893	12,543	46,438	960	45,478	.....	Ditto.
	Total ...	... ..	537,285	855,836	2,760	853,076	4,241	

Betul	...	Nanda, Raipur, Ghana ...	...	1875	16,000	16,000	.....	16,000	
		Bandi Kabripatta ...	...	1893	1,920	1,920	.....	1,920	
		Ranikole and Garjandol ...	...	1875	900	900	.....	900	598
		Dharjiburh ...	...	1893	1,200	1,200	.....	1,200	
		Tapti, 3 Working Circles ...	...	1893	1,800	1,800	.....	1,800	
		Burrethaghat ...	...	1889	3,200	3,200	.....	3,200	
		Bhowergarh ...	...	1875	38,720	38,720	.....	38,720	1,696 Includes Working Circles.
		Bhowergarh ...	...	1893	51,460	51,460	1,580	49,880	
		Sarni Silwani ...	...	1880	1,920	1,920	.....	1,920	350
		Ranipur, 10 Working Circles	...	1893	4,500	4,500	2	4,498	
		Assir ...	...	1893	143,810	143,810	3,100	140,710	669 Includes 3 Working Circles.
		Dabka, 5 Working Circles ...	...	1893	1,950	1,950	.....	1,950	..... No special expenditure incurred.
		Tokra ...	...	1875	27,916	27,916	.....	27,916	
		Phoplia ...	...	1880	15,641	15,641	986	14,655	1,369
		Dhekna ...	...	1875	42,330	42,330	.....	42,330	
		Saoligurh, 3 Working Circles	...	1893	1,200	1,900	.....	1,200	
		Total .	...	.....	354,467	354,467	5,668	348,799	4,682
Nimar	...	Punasa Block No. I ...	...	1875	7,680	7,680	.....	7,680	
		Do. do. II ...	...	1875	9,720	9,720	.....	9,720	
		Do. do. III ...	...	1875	6,680	6,680	...	6,680	
		Do. do. IV ...	...	1875	7,440	9,840	1,030	8,810	
		Do. do. V ...	...	1875	9,600	9,600	.....	9,600	1,198
		Do. do. VI ...	...	1877	10,880	10,880	.....	10,880	
		Do. do. VII ...	...	1879	9,180	9,180	.....	9,180	
		Do. do. VIII ...	...	1880	8,500	8,500	.....	8,500	
		Do. do. IX ...	...	1881	8,960	8,960	.....	8,960	
		Do. do. X ...	...	1882	10,460	10,680	.....	10,680	
		Chandgarh ..	...	1878	61,200	61,440	.....	61,440	1,436
		Ajnal ...	...	1879	1,237	1,237	.....	1,237	21
		Bainpura ...	...	1879	600	600	.....	600	21
		Chaoria ..	...	1880	170	170	.....	170	..... No special expenditure incurred.
		Gunjaree ...	...	1879	3,500	3,500	.....	3,500	42
		Kirgaon ...	...	1878	35,743	35,840	906	34,934	708
		Undria Baoria ...	..	1879	3,100	3,100	.....	3,100	39
		Bhojwa Beheria ...	...	1879	2,000	2,000	32	1,968	55
		Mandwa Reserve ...	.	1890	44,023	44,826	14,358	30,468	1,220
		Arakhera Block ...	...	1890	37,104	37,104	2,100	35,004	488
		Punasa, 8 Working Circles	...	1893	27,097	45,806	350	45,456	28
		Khandwa, 5 do.	...	1893	24,853	13,973	...	13,973	230
		Burhanpur, 11 do.	...	1893	66,708	66,868	23,704	43,164	448
		Piplod (Chandni Working Circle)	...	1894	...	9,600	1,400	8,200	..... No special expenditure incurred.
		Total	...	.....	390,435	417,784	43,880	373,904	5,929
		TOTAL FOR NORTHERN CIRCLE	...	...	2,242,142	2,615,861	123,965	2,491,896	23,168
		GRAND TOTAL C. P.		.....	3,556,550	4,055,188	225,666	3,829,522	54,676 7 3

ANNUAL FORM No. 54.—[*Prescribed.*]

FOREST DEPARTMENT, SOUTHERN CIRCLE, CENTRAL PROVINCES.

Area closed and open to grazing during 1893-94.

Division.	Area in square miles.						Remarks.
	Closed to all animals.		Closed to browsers (camels, goats or sheep).		Open to all animals.	Total area.	
	Whole year.	Part of year.	Whole year.	Part of year.	Whole year.		
1	2	3	4	5	6	7	
Reserved Forests.	Square miles.	Square miles.	Square miles.	Square miles.	Square miles.	Square miles.	
Balaghat	170	...	560	...	285	1,015	
Bhandara	41	5	353	...	151	550	
Bilaspur	42	...	606	...	...	648	
Chanda	507	25	157	...	2,687	3,376	
Chhindwara	14	28	163	...	501	706	
Nagpur	145	...	65	...	328	538	
Wardha	29	...	154	...	...	183	
Raipur	125	78	597	...	585	1,385	
Sambalpur	1	...	53	...	340	394	
Seoni	241	...	480	...	...	721	
Total ...	1,315	136	3,188	...	4,877	9,516	
Unclassed Forests.							
Balaghat	...	...	...	...	97	97	
Bhandara	...	...	...	...	...	...	
Bilaspur	...	...	...	...	...	...	
Chanda	...	...	...	...	26	26	
Chhindwara	...	...	...	...	1	1	
Nagpur	2	...	...	...	...	2	
Wardha	...	...	...	...	...	...	
Raipur	...	..	...	...	...	...	
Sambalpur	...	...	...	...	...	...	
Seoni	...	...	244	...	...	244	
Total ...	2	...	244	...	124	370	
TOTAL FOR SOUTHERN CIRCLE ...	1,317	136	3,432	...	5,001	9,886	

ANNUAL FORM No. 54.—[*Prescribed.*]

FOREST DEPARTMENT, NORTHERN CIRCLE, CENTRAL PROVINCES.

Area closed and open to grazing during 1893-94.

Division.	Area in square miles.						Remarks.
	Closed to all animals.		Closed to browsers (camels, goats, or sheep).		Open to all animals.	Total area.	
	Whole year.	Part of year.	Whole year.	Part of year.	Whole year.		
1	2	3	4	5	6	7	8
Mandla	271	...	312	...	2,234	2,817	
Jubbulpore	62	...	168	...	304	534	
Damoh	38	...	204	...	606	848	
Saugor	81	...	172	...	501	754	
Narsinghpur	20	...	100	...	142	262	
Hoshangabad	263	...	253	...	1,265	1,781	
Betul	324	...	303	...	645	1,272	
Nimar	85	...	1,146	...	577	1,808	
TOTAL FOR NORTHERN CIRCLE ...	1,144	...	2,658	...	6,274	10,076	
GRAND TOTAL FOR C. P. ...	2,461	136	6,090	...	11,275	19,962	

ANNUAL FORM No. 55.—[*Prescribed.*]

FOREST DEPARTMENT, SOUTHERN CIRCLE, CENTRAL PROVINCES.

Return of Grazing in the State Forests during 1893-94 (Forest year.)

Division.	GRAZING ON PAYMENT— At full rates.						NUMBER OF ANIMALS— At privileged rates.							GRAZING FREE— By right under Settlement.						NUMBER OF ANIMALS— During pleasure of Government, or otherwise than under Settlement.							Grand total of value at full rates.
	Buffaloes.	Cows and Bullocks.	Goats and Sheep.	Camels.	Other animals.	Fees received.	Buffaloes.	Cows and Bullocks.	Goats and Sheep	Camels.	Other animals.	Fees received: Actual.	Fees received: Value at full rates.	Buffaloes	Cows and Bullocks.	Goats and Sheep	Camels.	Other animals.	Value of fees at full rates.	Buffaloes.	Cows and Bullocks.	Goats and Sheep.	Camels.	Other animals.	Value of fees at full rates.	Total value of fees at full rates.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
						Rs.						Rs.	Rs.						Rs.						Rs.	Rs.	Rs.
Direction ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Balaghat ..	10,716	1,16,248	9,542	...	428	19,745	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	19,745
Bhandara ..	5,896	72,031	8,199	...	8	11,482	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11,482
Bilaspur ..	3,979	28,973	47	...	106	4,661	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4,661
Chanda ..	44,269	2,82,061	1,53,226	...	...	54,216	...	...	...	...	...	...	...	...	...	...	...	...	...	49	581	...	...	...	85	85	54,301
Chhindwara ..	13,637	1,25,019	12,659	...	17	21,654	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	21,654
Nagpur ..	4,015	56,488	24,183	...	1	14,654	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	14,654
Wardha ..	9,123	48,489	1	...	...	12,640	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12,640
Raipur ..	13,519	1,16,339	1,198	...	16	17,906	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	17,906
Sambalpur .	4,963	29,032	1,487	...	...	3,560	...	...	..	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	3,560
Seoni ..	23,314	1,73,798	5,145	...	11	32,512	...	...	...	...	...	...	...	..	...	..	...	...	...	...	...	...	...	...	...	...	32,512
Total ...	1,33,421	10,48,478	2,15,657	...	587	1,93,060	...	...	...	...	...	...	...	...	..	...	..	...	...	49	581	...	...	..	85	85	1,93,145

ANNUAL FORM No. 55.—[*Prescribed.*]

FOREST DEPARTMENT, NORTHERN CIRCLE, CENTRAL PROVINCES.

Return of grazing in the State Forests during 1893-94.

Division.	GRAZING ON PAYMENT— At full rates.						NUMBER OF ANIMALS— At privileged rates.							GRAZING FREE— By right under settlement.						NUMBER OF ANIMALS. During pleasure of Government, or otherwise than under settlement.							GRAND TOTAL OF VALUE AT FULL RATES.
	Buffaloes.	Cows and Bullocks.	Goats and Sheep.	Camels	Other animals.	Fees received.	Buffaloes.	Cows and Bullocks.	Goats and Sheep	Camels	Other animals.	Fees received: Actual	Fees received: Value at full rates.	Buffaloes.	Cows and Bullocks.	Goats and Sheep	Camels	Other animals.	Value of fees at full rates	Buffaloes.	Cows and Bullocks	Goats and Sheep.	Camels.	Other animals.	Value of fees at full rates.	Total value of fees at at full rates	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
												Rs.	Rs.						Rs.						Rs.	Rs.	Rs.
Mandla ...	33,834	273,339	11,238	...	27	55,164	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	55,164
Jubbulpore ...	15,113	100,808	6,933	...	36	22,435	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	22,435
Damoh ...	32,833	145,413	15,571	1	1	33,818	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	33,818
Saugor ...	40,538	133,912	13,034	2	543	37,001	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	37,001
Narsinghpur ...	6,659	85,016	127	...	37	9,542	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9,542
Hoshangabad ...	16,037	63,312	9,835	3	163	23,381	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	23,381
Betul ...	18,353	93,032	4,924	33	73	23,114	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	23,114
Nimar ...	27,672	119,578	837	64	73	34,516	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	34,516
TOTAL FOR NORTHERN CIRCLE ...	190,040	931,430	62,617	100	953	2,38,971	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2,38,971
GRAND TOTAL FOR C. P. ...	323,451	2,339,938	278,374	100	1,539	433,031	...	...	...	...	...	...	...	...	...	...	...	...	...	49	581	...	...	...	65	65	433,116

ANNUAL FORM No. 56.—[*Prescribed.*]

FOREST DEPARTMENT, SOUTHERN CIRCLE, CENTRAL PROVINCES.

Area of Plantations, 1893-94.

Division.	Name of Plantation.	Area in acres. On 1st July 1893.	Added during the year.	Excluded during the year.	Area on 30th June 1894.	Receipts. of the year.	Charges. of the year.	Remarks.
1	2	3	4	5	6	7	8	9
	REGULAR PLANTATIONS. *Cultural Operations.*						Rs. a. p.	
Balaghat ...	... ...	...	...	...	...	...	...	Rs. 42-5-6 incurred on experimental sowings.
	Total ...	...	...	...	...	...	...	
Bhandara ...	Kitari	5	...	...	5	...	133 0 0	Exclusive of Rs 26-3-6 incurred on sowing blanks in the three coupes in Lakhni Range.
	Total ..	5	...	...	5	...	133 0 0	
Bilaspur ...	Tin Bhawria	3	...	...	3	...	5 0 0	Exclusive of Rs. 117, (*a*) Rs. 62 paid in settlement of Mr. Hick's accounts on account of payment of work done in 1888; (*b*) Rs. 39 in settlement of Sheik Ahmed Forester's accounts of the same year; and (*c*) Rs. 16 on account of collecting seeds and transplanting, &c.
	Deosara	...	1	...	1	...		
	Jamri	...	...	...	...	...	*7 5 0	* 2,700 plants set out to fill up blanks.
	Total ...	3	1	...	4	...	12 5 0	
Chanda ...	Nimsara	5	...	5†	...	...	...	† Results are very unsatisfactory and therefore excluded.
	Ambyawagar	1	...	...	1	...	...	
	Taroba	2	1	...	3	...	...	
	Patanil	1	...	1†	...	...	... ‡	‡ Includes (*a*) charges on account of collection of seeds; (*b*) transplanting of seeds to the place of sowing; and (*c*) sowing.
	Janona	...	12	...	12	...	4 10 0	
	Muzra	...	66	...	66	...	100 0 0	
	Do.	...	200	...	200	...	62 4 9	
	Total ...	9	279	6	282	...	166 14 9	

Chhindwara ...	...		...	...	...	...	...	...		
		Total ...	...	...	...	...	...	...		
Nagpur ...	Kutta ...	..	2	...	...	2	..	...		Various species.
		Total ...	2	...	...	2	...	..		
Wardha ...	...		...	...	...	...	..	...		
		Total ...	...	...	...	...	...	...		
Raipur ...	Girghole Rohasi ...	...	2	1	...	3	...	45	1 0	Teak (protection and transplanting).
	Belpura ...	...	1	...	...	1	...	...		Bamboos.
	Kantranala ...	...	4	...	...	4	..	0	0	Teak (protection).
	Dumartalai ...	...	196	...	...	196	...	..		Various species.
	Khamtarai ...	...	6	...	...	6	...	48	0 0	Teak (protection).
	Do. ...	...	...	3	...	3	...	4	0 0	Bamboos (planting).
	Mahamaidhap ...	...	5	...	...	5	...	54	12 0	Teak (protection and transplanting).
	Lohardih ...	..	2	...	...	2	...	55	9 0	Do. do.
	Amajhola ...	...	...	2	...	2	...	11	7 6	Do. do.
	Sondur ...	...	10	..	...	10	..	2	0 0	Do. do.
	Kongera ...	..	1	...	...	1	...	...		Bamboos.
	Amurinala ...	...	2	...	...	2	...	12	0 0	Bamboo (watching and watering).
	Magardala and Thondekesa	...	6	...	...	6	...	51	9 0	Teak (protecting and planting).
	Madwa Pathra ...	...	4	...	...	4	...	...		Do. do.
	Mumeguda ...	...	5	...	...	5	...	6	2 0	Do. do.
	Jagtardihi ...	...	3	...	3	...	...	...		Various species.
		Total ...	247	6	3	250	...	295	8 6	Exclusive of Rs. 16-6-0 on planting grass gandhiri.

ANNUAL FORM No. 56.—[*Prescribed.*]—(Concld.)

Division.	Name of Plantation.	Area in acres. On 1st July 1893.	Added during the year.	Excluded during the year.	Area on 30th June 1894.	Receipts of the year	Charges of the year Rs. a. p.	Remarks.
1	2	3	4	5	6	7	8	9
Sambalpur ...	Motijharun	...	1·94	...	1·94	...	1 4 6	Teak and Bijasal.
	Bada Raja	...	·14	...	·14	...	0 4 4	
	Total ...	...	2·08	...	2·08	...	1 8 10	
Seoni ...	Korai	...	7	...	7	...	51 0 0	
	Raya Rao	1	...	1	...	...	...	
	Suranjee	10	...	10	...	...	...	
	Peeverthuda	10	4	10	4	...	30 0 0	Teak, Saj and Satkata (sowing).
	Katangi Rathee	6	3	6	3			Teak, Saj, Bija and Khamar.
	Oolut Beharry	10	8	10	8	...	18 0 0	Bahera, and Bohan (sowing).
	Total ...	37	22	37	22	...	99 0 0	
	TOTAL FOR SOUTHERN CIRCLE ...	303	310·09	46	567·08	...	708 5 1	

ANNUAL FORM No. 56.—[*Prescribed.*]

FOREST DEPARTMENT, NORTHERN CIRCLE, CENTRAL PROVINCES,

Area of Plantations, 1893-94.

Division.	Name of Plantation.	Area in acres.				Receipts	Charges	Remarks.
		On 1st July 1893.	Added during the year.	Excluded during the year.	Area on 30th June 1894.	of the year.		
1	2	3	4	5	6	7	8	9
							Rs. a. p.	
Damoh ...	Kishan Talao	34	6	...	40	...	125 0 0	
Saugor ...	Garhakota teak plantations ...	20	80	...	100	...	243 0 0	
Hoshangabad ...	Rajaborari ... Ajnal ...	138	...	138	...	...	...	
	Rajaborari ... Ganjal ...	165	...	165	...	...	...	
	Rajaborari ... Machak ...	191	...	191	...	...	...	
	Saonligarh ... Dekhna ...	214	...	214	...	...	...	
	Saonligarh ... Tokra ...	11	...	11	...	...	...	
	Bori ... Joli ...	24	...	24	...	...	...	
	TOTAL FOR NORTHERN CIRCLE ...	797	86	743	140	...	368 0 0	
	GRAND TOTAL FOR C. P. ...	1,100	396·08	789	707·08	...	1,076 5 1	

ANNUAL FORM

FOREST DEPARTMENT, SOUTHERN

Outturn (in cubic feet, solid) of Timber and Fuel during

Division.	Timber in the rough—Logs.					Timber in the rough—Poles.					Sawn or	
	Government.	Purchasers.	Free Grantees	Right-holders.	Total.	Government.	Purchasers	Free Grantees	Right-holders	Total.	Government	Purchasers.
	c. ft.	c. ft.	c. ft.	c. ft.	c. ft.	c. ft.	c. ft.	c. ft.	c. ft.	c. ft.	c. ft.	c. ft.
I.—Reserved Forests.												
Direction ...	...	...	...	...	...	...	...	...	...	...	...	...
Balaghat .	830	8,318	...	...	9,148	57,152	4,228	...	...	61,380	...	.
Bhandara ...	..	...	...	...	...	162,410	90,420	...	...	252,836	...	..
Bilaspur ...	141	10,337	...	...	10,478	22,865	12,708	...	...	35,573	...	...
II.—Protected Forests.												
Chanda ...	41,451	11,763	...	...	53,214	3,757	129,124	4,625	...	137,506	...	...
Chhindwara ...	...	176	...	...	176	...	80,127	...	...	80,127	...	...
Nagpur-Wardha.	...	...	..	...	...	30,273	130,981	...	...	161,254	...	...
Raipur ...	...	...	...	...	...	51,504	3,761	...	...	55,265	1,139	...
III.—Unclassed Forests.												
Sambalpur ...	...	...	...	...	...	...	29.350	...	...	29,350	...	..
Seoni ...	...	...	...	...	...	...	67,773	...	...	67,773	...	...
TOTAL FOR SOUTHERN CIRCLE.	42,422	30,594	...	...	73,016	327,961	548,478	4,625	...	881,064	1,139	...

NOTE.—Bamboos removed during the year :—

		No.
By Government agency	...	91,975
By purchasers and consumers	...	7,864,683
Total Bamboos	...	7,956,658

Charcoal should be shown by its equivalent in fuel, the quantity of wood

No. 57.—[*Prescribed.*]

CIRCLE, CENTRAL PROVINCES.

the Forest year 1893- 94 and Agency of Exploitation.

Squared Timber.			Miscellaneous.					Fuel.					Total Outturn.
Free Grantees	Right-holders.	Total.	Government.	Purchasers.	Free Grantees	Right-holders.	Total.	Government.	Purchasers.	Free Grantees	Right-holders.	Total.	
c. ft.	c. ft.	c. ft.	c. ft.	c. ft.	c. ft.	c. ft.	c. ft.	c. ft.	c. ft.	c. ft.	c. ft.	c. ft.	c. ft.
...	..	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	202,625	960,583	...	...	1,163,208	1,233,736
..	...	...	297	...	...	...	297	826,400	2,368,775	...	...	3,195,175	3,448,308
...	...	...	...	1,453	...	...	1,453	143,367	290,541	...	...	433,911	481,415
...	...	...	...	32	...	...	32	5,040	965,517	1,547	...	972,104	1,162,856
...	...	...	...	6,742	...	...	6,742	...	384,084	...	...	384,084	471,129
...	...	...	1,304	...	...	...	1,304	761,858	288,720	...	...	1,050,578	1,213,136
...	...	1,139	...	23,538	...	...	23,538	288,125	1,810,470	...	...	2,098,595	2,178,537
...	...	...	...	...	...	...	...	...	417,590	...	...	417,590	446,940
...	...	...	...	...	...	...	...	...	1,008,754	...	...	1,008,754	1,076,527
...	...	1,139	1,601	31,765	...	...	33,366	2,227,415	8,495,037	1,547	...	10,723,999	11,712,584

Karkas removed during the year :—		No.
By Government agency	...	3,800
By consumers and purchasers	...	1,039,894
Total Karkas	...	1,043,694

Bamboo materials removed during the year :—		No.
By Government agency	...	4,850
By consumers and purchasers	...	3,913
Total Bamboo materials	...	8,763

consumed in producing it being entered in cubic feet, solid.

ANNUAL FORM

FOREST DEPARTMENT, NORTHERN

Outturn (in cubic feet, solid) of Timber and Fuel

Division.	Timber in the rough – Logs.					Timber in the rough—Poles.					Sawn or	
	Government.	Purchasers.	Free Grantees	Right-holders.	Total.	Government.	Purchasers.	Free Grantees	Right-holders	Total.	Government.	Purchasers.
	c. ft.	c. ft.	c. t.	c. ft.	c. ft	c. ft.	c. ft.	c. ft.	c. ft.	c. ft.	c. ft.	c. ft.
I.—Reserved Forests.												
Mandla ...	...	...	...	...	...	...	23,617	..	...	23,617	...	...
Jubbulpore ...	...	...	...	...	...	11,642	10,700	...	...	22,342	...	...
Damoh ...	...	...	...	...	...	...	12,462	...	...	12,462	...	...
Saugor ...	...	...	...	...	...	3,950	5,092	...	...	9,040	...	...
Narsinghpur ..	...	...	...	...	...	800	1,215	...	...	2,015	...	...
Hoshangabad ...	...	24,897	...	...	24,897	9,100	50,891	...	...	59,991	..	...
Betul ...	...	9,568	...	...	9,568	44,150	9,547	..	...	53,697	...	...
Nimar ...	...	...	...	...	...	1,383	40,088	...	...	41,471	...	...
TOTAL FOR NORTHERN CIRCLE.	...	34,465	...	...	34,465	71,025	153,612	...	...	224,637	...	...
GRAND TOTAL FOR C. P.	42,422	65,059	...	...	107,481	398,986	702,090	4,625	...	1,105,701	1,139	...

Charcoal should be shown by its equivalent in fuel, the quantity of wood

NOTE.—Bamboo removed

By Departmental
By consumers and
By free grants

No. 57.—[*Prescribed.*]

CIRCLE, CENTRAL PROVINCES.

during the Forest year 1893-94 and Agency of Exploitation.

squared Timber.			Miscellaneous.					Fuel.					Total Outturn.
Free Grantees	Right holders.	Total	Government.	Purchasers.	Free Grantees.	Right-holders.	Total.	Government.	Purchasers.	Free Grantees	Right-holders.	Total.	
c. ft	c. ft.	c. ft.	c. ft.	c. ft.	c. ft.	c. ft.	c. ft.	c. ft.	c. ft.	c. ft	c. ft.	c. ft.	c. ft
...	...	...	.	...	...	...	...	...	48,851	...	...	48,851	72,468
...	...	...	...	...	...	...	...	428,580	523,700	...	.	952,280	974,622
...	...	...	...	...	...	...	...	...	452,896	...	...	452,896	465,358
...	...	...	..	...	...	...	..	39,660	546,404	...	...	586,064	595,106
...	...	...	...	22,838	..	...	22,838	7,680	113,406	...	..	121,086	145,939
...	...	...	...	30,778	....	...	30,778	139,560	795,395	...	...	934,955	1,050,621
...	...	...	...	...	...	...	...	107,160	183,581	.	...	290,741	354,006
...	...	...	...	38,284	...	...	38,284	1,800	401,712	..	...	403,512	483,267
...	...	...	...	91,900	..	...	91,900	724,440	3,065,945	...	...	3,790,385	4,141,387
...	...	1,139	1,601	123,665	...	...	125,266	2,951,855	11,560,982	1,547	...	14,514,384	15,853,971

consumed in producing it being entered in cubic feet, solid.

during the year:—

			No.
agency	...	...	23,802
purchasers	...	...	8,712,374
...	...	...	...
	Total Bamboos	...	8,736,176

ANNUAL FORM No. 58.—[*Prescribed.*]

FOREST DEPARTMENT, SOUTHERN CIRCLE, CENTRAL PROVINCES.

Outturn of Minor Forest Produce during the Forest year 1893-94.

Division.	Description of Produce.		Produce removed or utilized— By Government agency. Quantity.	By Government agency. Value.	By purchasers. Quantity.	By purchasers. Value.	By free grants. Quantity.	By free grants. Value.	By right-holders. Quantity.	By right-holders. Value.	Total. Quantity.	Total. Value.	Remarks.
1	2		3	4	5	6	7	8	9	10	11	12	13
				Rs.		Rs.		Rs.		Rs.		Rs.	
Balaghat ...	Grazing buffaloes ...	No.	..	...	10,716	3,809	...	...	..	...	10,716	3,809	
	Do. cows and bullocks ...	"	.	...	116,248	14,468	...	...	...	...	116,248	14,468	
	Do. goats ...	"	...	...	9,542	889	..	...	.	...	9,542	889	
	Do. sheep ...	"	...	...	.	...	...	...	...	...	...	...	
	Do. other animals ...	"	...	.	6	2	...	...	...	...	6	2	
	Do. nistar or baithkies ...	"	...	...	422	577	..	...	...	...	422	577	
	Grass ...	Tons.	21	50	610	544	...	...	...	...	631	594	
	Do. "bir"	Contract.	...	...	...	3,300	...	...	...	..	...	3,300	
	Fruits and flowers ...	Tons.	2	70	1	1	...	.	...	...	3	71	
	Duty on do. (Mohwa) from agriculturists ...	No.	...	...	9,133	2,283	...	...	...	...	9,133	2,283	
	Do. do. do. from non-agriculturists	"	...	...	4,678	574	..	...	...	...	4,678	574	
	Mohwa	Tons.	...	...	72	166	...	...	...	...	72	166	
	Leases for Mohwa ...	"	..	...	...	18	...	...	...	...	...	18	
	Do. for Hurra (myrabolam) ...	"	...	...	...	8,018	...	...	..	...	...	8,018	
	Hides and horns ...	"	...	...	1	13	...	..	...	...	1	13	
	Do.—leases for— ...	"	...	...	...	3	...	...	...	...	...	3	
	Miscellaneous products ...	"	...	...	730	436	...	...	..	..	730	436	
	Mineral products ...	"	...	...	157	103	...	...	...	...	157	103	
	Resin—leases for— ...	"	1	65	...	65	...	...	...	...	1	130	
	Lac do. ...	"	1	6	...	80	...	...	...	...	1	86	
	Other minor forest produce ...	"	...	...	...	1,120	...	...	...	...	...	1,120	
	Grass, soomb ...	"	...	...	174	481	...	...	...	...	174	481	
	Hurra (myrabolam) ...	"	2	117	...	...	...	...	...	...	2	117	
	Total ...		...	308	...	36,650	...	...	..	...	.	37,258	

Bhandara ...	Grazing buffaloes	...	No.	...	...	5,896	1,844	...	...	...	...	5,896	1,844
	Do. cows and bullocks	...	"	...	...	72,031	9,011	...	..	...	...	72,031	9,011
	Do. goats	...	"	...	...	4,071	368	...	...	...	...	4,071	368
	Do. sheep	...	"	...	...	4,128	258	...	...	...	...	4,128	258
	Do. other animals	...	"	...	...	8	1	...	...	...	...	8	1
	Grass	...	Tons.	...	...	7,497	5,186	...	...	...	...	7,497	5,186
	Do. "birs"	...	Contract.	...	...	...	1,289	...	...	...	...	...	1,289
	Fruits and flowers	...	Tons.	..	...	1	4	...	...	...	...	1	4
	Do. do.—leases for	...	"	...	...	...	44	...	...	...	...	...	44
	Mineral products	...	"	...	...	6	8	...	...	...	...	6	8
	Miscellaneous do.	...	"	...	...	1,577	1,279	...	...	...	...	1,577	1,279
	Other minor forest produce	...	"	...	...	3	3	...		...	...	3	3
	Do. do.—leases for	...	"	...	...	...	2,954	...	...	...	...	...	2,954
	Grass, soomb	...	"	...	...	75	87	...	...	...	...	75	87
	Hides and horns	...	"	...	...	1	13	...	...	...	...	1	13
	Do. do.—leases for	..	"	...	...	...	188	...	...	...	...	...	188
		Total	...	...	...	...	22,537	...	...	...	...	...	22,537
Bilaspur ...	Grazing buffaloes	..	No.	...	...	3,979	998	...	...	...	...	3,979	998
	Do. cows and bullocks	...	"	...	...	28,973	3,633	...	...	...	...	28,973	3,633
	Do. goats	...	"	...	...	47	4	...	...	...	...	47	4
	Do. other animals	...	"	...	...	106	27	...	...	...	...	106	27
	Grass	...	Tons.	...	...	4,030	19,046	...	...	...	...	4,030	19,046
	Do. "bir"	...	Contract.	...	...	...	..	...	...	...	...	...	...
	Do. soomb	...	Tons.	...	...	86	430	...	...	...	...	86	430
	Fruits and flowers	...	"	13	9	158	200	...	...	...	...	171	209
	Hides and horns	...	"	...	...	5	19	...	...	...	...	5	19
	Do. do.	...	Contract.	..	...	...	35	...	...	...	...	...	35
	Lac	...	Tons.	...	...	17	83	...	...	...	...	17	83
	Do.	...	Contract.	...	...	...	50	...	...	...	...	...	50
	Mineral products	...	Tons.	...	...	2	16	...	...	...	...	2	16
	Miscellaneous do.	...	"	..	...	36	62	...	...	...	...	36	62
		Total	...	...	9	..	24,603	...	...	...	...	...	24,612
Chanda ...	Grazing buffaloes	...	No.	...	...	44,269	10,083	49	12	...	...	44,318	10,095
	Do. cows and bullocks	...	"	...	...	282,061	38,249	581	73	...	...	282,642	38,322
	Do. goats	...	"	...	...	65,707	3,128	...	...	...	...	65,707	3,128
	Do. sheep	...	"	...	...	87,519	2,755	...	...	...	...	87,519	2,755
	Grass	...	Tons.	8	69	12,950	248	75	...	...	...	13,033	317
	Do. "bir"	...	Contract.	...	50	...	195	...	...	...	...	...	245
	Fruits and flowers	...	Tons.	82	560	10	223	...	...	...	...	92	783
	Do. do.	...	Contract.	...	...	...	8,491	...	...	...	...	...	8,491
	Skins and horns	...	Tons.	...	11	1	14	...	...	...	...	1	25
	Do. do.	...	Contract.	...	...	...	662	...	...	...	...	...	662

ANNUAL FORM No. 58.—[*Prescribed.*]—(Contd.)

Division.	Description of Produce.		Produce removed or utilized— By Government agency. Quantity.	By Government agency. Value.	By purchasers. Quantity.	By purchasers. Value.	By free grants. Quantity.	By free grants. Value.	By right-holders. Quantity.	By right-holders. Value.	Total. Quantity.	Total. Value.	Remarks.
1	2		3	4	5	6	7	8	9	10	11	12	13
				Rs.		Rs.		Rs.		Rs.		Rs.	
Chanda.—(Contd.)	Mineral products	... Tons.	...	...	1,474	325	...	...	..	...	1,474	325	
	Miscellaneous do.	... „	1	44	222	72	...	...	...	...	223	116	
	Do. do.	... Contract.	...	...	...	564	...	...	...	..	...	564	
	Lac	... „	...	..	...	911	...	...	...	...	...	911	
	Hurra (myrabolam)	... Tons.	4	146	...	...	...	...	...	...	4	146	
	Lac	... „	1	308	...	...	..	...	...	...	1	308	
		Total ...	...	1,188	...	65,920	...	85	...	...	...	67,193	
Chhindwara ...	Grazing buffaloes	... No		...	13,637	4,376	...	...	...	..	13,637	4,376	
	Do. cows and bullocks	... „	...	...	125,019	16,178	...	...	..	...	125,019	16,178	
	Do. goats	... „	...	...	9,847	923	...	...	...	...	9,847	923	
	Do. sheep	... „	...	...	2,812	176	...	...	...	...	2,812	176	
	Do. other animals	... „	...	...	17	2	...	...	...	...	17	2	
	Grass	... Tons.	...	...	3,995	1,008	...	...	...	...	3,995	1,008	
	Do. "bir"	... Contract.	...	...	...	30	...	...	...	...	...	30	
	Fruits and flowers	... Tons.	...	...	1	3	...	..	...	...	1	3	
	Do. do.	... Contract.	...	...	...	1,773	...	..	...	...	...	1,773	
	Skins and horns	... Tons.	...	...	7	29	...	...	...	...	7	29	
	Do. do.	... Contract.	...	...	...	296	...	...	...	...	...	296	
	Mineral products	... Tons.	...	...	76	29	...	...	...	...	76	29	
	Do. do.	... Contract.	...	...	...	22	...	...	..	...	...	22	
	Miscellaneous do.	... Tons.	...	...	1,596	530	...	...	...	...	1,596	530	
	Do. do.	... Contract.	...	...	...	64	...	...	...	...	...	64	
	Lac	... „	...	...	...	581	...	...	...	...	...	581	
		Total ...	..	...	...	26,020	...	...	...	...	...	26,020	

Nagpur-Wardha	Grazing buffaloes	...	No.	...	...	13,138	4,947	...	...	...	...	13,138	4,947
	Do. cows and bullocks	...	"	...	...	104,977	20,175	...	...	...	...	104,977	20,175
	Do. goats	...	"	...	...	6,238	779	...	...	...	...	6,238	779
	Do. sheep	...	"	...	...	17,946	1,423	...	...	..	...	17,946	1,423
	Do. other animals	...	"	...	...	1	...	...	...	...	...	1	...
	Grass	...	Tons.	5	121	1,525	837	...	...	...	...	1,530	958
	Do. "bir"	...	Contract.	...	...	...	5,009	...	...	...	...		5,009
	Fruits and flowers	...	Tons.	9	47	1	9	...	...	...	...	10	56
	Do. do.	...	Contract.	...	...	...	58	...	...	...	...	...	58
	Skins and horns	...	Tons.	...	...	1	5	...	...	...	...	1	5
	Do. do.	...	Contract.	..	...	..	193	...	..	...	...	...	193
	Mineral products	...	Tons.	...	...	5	6	...	...	...	...	5	6
	Do. do.	...	Contract.	...	...	...	129	...	...	...	...	...	129
	Miscellaneous do.	...	Tons.	1	40	451	237	...	...	...	...	452	277
	Do. do.	...	Contract.	.	...	...	26	...	.	...	...	...	26
	Other minor forest produce	...	"	...	...	...	2,429	...	...	...	...	...	2,429
	Hurra (myrabolam)	...	"	...	...	...	6	...	...	...	...	...	6
		Total		...	208	...	36,268	.	...	.	..	.	36,476
Raipur (Chhattisgarh.)	Grazing buffaloes	...	No.	...	...	13,519	3,335	.	...	...	...	13,519	3,335
	Do. cows and bullocks	...	"	...	...	116,339	14,475	..	...	...	..	116,339	14,475
	Do. goats	...	"	...	...	1,198	94	...	...	...	..	1,198	94
	Do. other animals	...	"	...	...	16	2	..	...	.	...	16	2
	Grass, fodder and thatching	...	Tons.	938	2,545	2,596	10,036	...	...	...	...	3,534	12,581
	Do. "bir"	...	Contract.	...	...	..	15,444	...	...	...	...	...	15,444
	Fruits and flowers	...	Tons.	...	...	9	15	..	...	...	...	9	15
	Do. do.	...	Contract.	...	...	...	1,715	...	...	...	...	...	1,715
	Skins and horns	...	Tons.	...	...	10	129	...	..	.	...	10	129
	Do. do.	...	Contract	..	...	...	189	...	...	..	...	...	189
	Mineral products	...	Tons.	...	...	20	3	...	...	...	...	20	3
	Miscellaneous products	...	"	1	3	565	483	...	...	..	...	566	486
	Do. do.	...	Contract.	...	.	...	22	...	...	...	...	...	22
	Hurra (mayrabolam)	...	"	...	...	...	15,939	...	...	...	...	...	15,939
	Lac	...	Tons.	1	31	7	27	...	...	...	...	8	58
	Do.	...	Contract	...	...	...	9,000	...	...	...	...	...	9,000
	Hurra (mayrabolam)	...	Tons.	2	50	...	...	...	...	...	...	2	50
		Total	...	...	2,629	...	70,908	...	..	...	...	...	73,537

ANNUAL FORM No 58.—[*Prescribed.*]—(Concld.)

Division.	Description of Produce.		Produce removed or utilised— By Government agency. Quantity.	By Government agency. Value.	By purchasers. Quantity.	By purchasers. Value.	By free grants. Quantity.	By free grants. Value.	By right-holders. Quantity.	By right-holders. Value.	Total. Quantity.	Total. Value.	Remarks.
1	2		3	4	5	6	7	8	9	10	11	12	13
				Rs.		Rs.		Rs.		Rs.		Rs.	
Sambalpore ...	Grazing buffaloes ...	No.	...	...	4,953	774	...	...	...	...	4,953	774	
	Do. cows and bullocks ...	"	...	...	29,032	2,722	...	...	...	...	29,032	2,722	
	Do. goats ...	"	...	...	1,228	58	...	..	...	..	1,228	58	
	Do. sheep ...	"	..	...	229	7	...	...	...	...	229	7	
	Grass ...	Tons.	...	...	859	908	.	...	...	...	859	908	
	Grass "bir" ...	Contract.	...	..	...	30	..	...	...	..	.	30	
	Hurra (myrabolam) ...	Tons.	...	...	26	1,013	...	...	.	...	26	1,013	
	Hides and horns ...	"	...	...	1	4	...	...	...	...	1	4	
	Mineral products ...	"	...	...	5,110	424	...	...	...	...	5,110	424	
	Miscellaneous products ...	"	...	...	1,038	164	...	...		...	1,038	164	
	Total ...		...	...	...	6,104	...	...	...	...	...	6,104	
Seoni ...	Grazing buffaloes ...	No	...	...	23,314	7,606	...	...	..	...	23,314	7,606	
	Do. cows and bullocks ...	"	...	...	173,798	24,365	..	...	...	...	173,798	24,365	
	Do. goats ...	"	...	...	4,518	481	...	...	...	...	4,518	481	
	Do. sheep ...	"	...	...	627	58	..	...	..	...	627	58	
	Do. other animals ...	"	...	...	11	3	..	...	...	...	11	3	
	Grass ...	Tons.	...	...	3,827	893	...	...	...	...	3,827	893	
	Do. "bir" ...	Contract.	...	...	...	1,424	..	...	...	...	...	1,424	
	Fruits and flowers ...	Tons.	...	...	1	..	...	...	...	...	1	...	
	Skins and horns ...	"	...	...	1	6	...	...	...	...	1	6	
	Do. do. ...	Contract.	...	...	...	200	...	...	...	...	...	200	
	Mineral products ...	"	...	...	35	13	...	...	...	...	35	13	
	Miscellaneous products ...	Tons.	...	...	251	689	...	...	...	...	251	689	
	Do. do. ...	Contract.	...	...	...	30	...	...	...	...	...	30	
	Other minor forest produce ...	"	...	...	...	4,265	...	...	...	...	...	4,265	
	Hurra (myrabolam) ...	"	...	...	...	188	...	...	...	...	...	188	
	Lac ...	"	...	...	...	279	...	...	...	...	...	279	
	Grass, soomb ...	Tons.	...	...	15	41	...	...	...	...	15	41	
	Total ...		...	...	...	40,541	...	...	...	...	...	40,541	
	TOTAL FOR SOUTHERN CIRCLE ...		...	4,342	...	3,29,851	...	85	...	...	...	3,34,278	

ABSTRACT OF FORM No. 58.

Description of Produce.		By Departmental agency.	By purchasers.	Total.	Remarks.
1		2	3	4	5
		Tons.	Tons.	Tons.	
Other Minor Forest Produce.	Grass ...	972	38,239	39,211	
	Fruits and flowers ...	106	254	360	
	Skins and horns ...	...	28	28	
	Hurra (myrabolam) ...	8	26	34	
	Lac ...	3	24	27	
	Miscellaneous products ...	4	6,469	6,473	
	Total ...	1,093	45,040	46,133	
	Mineral products ...	...	6,885	6,885	

Total number of animals grazed in the forests during the year, No. 1,398,773.

ANNUAL FORM No. 58.—[*Prescribed.*]

FOREST DEPARTMENT, NORTHERN CIRCLE, CENTRAL PROVINCES.

Outturn of Minor Forest Produce during the Forest year 1893-94.

Division.	Description of Produce.		Produce removed or utilized— By Government agency. Quantity.	By Government agency. Value.	By purchasers. Quantity.	By purchasers. Value.	By free grants. Quantity.	By free grants. Value.	By right-holders. Quantity.	By right-holders. Value.	Total. Quantity.	Total. Value.	Remarks.
1	2		3	4	5	6	7	8	9	10	11	12	13
				Rs.		Rs.		Rs.		Rs.		Rs.	
Mandla ...	Grass ...	...	...	...	17	18	...	...	...	...	17	18	
	Hides and horns ...	Tons.	...	14	23	432	...	...	...	...	23	446	
	Lac ...	Contract.	...	...	...	1,024	...	...	...	...	...	1,024	
	Mineral products ...	Tons.	...	...	32	42	...	...	...	...	32	42	
	Other minor produce ...	Contract.	...	...	...	149	...	...	...	...	...	149	
	Do. ...	Tons.	4	520	...	...	...	...	...	...	4	520	
		Total ...	4	534	72	1,665	...	...	..	...	76	2,199	
Jubbulpore ...	Grass ...	Tons.	23	88	102	133	...	...	...	...	125	221	
	Do. ...	Contract.	...	...	...	337	...	...	...	...	...	337	
	Lac ...	"	...	60	...	319	...	...	...	...	...	379	
	Do. ...	Tons.	...	...	1	128	...	...	...	...	1	128	
	Hurra ...	"	6	189	...	1,155	...	...	...	...	6	1,344	
	Mohwa ...	"	...	...	...	19	...	...	...	...	...	19	
	Hides and horns ...	"	...	...	...	404	...	...	...	...	...	404	
	Do. ...	"	...	7	3	30	...	...	...	...	3	37	
	Mineral products ...	"	...	...	...	1	...	...	...	...	...	1	
	Do. ...	Contract.	...	...	...	5	...	...	...	...	...	5	
	Other minor produce ...	"	...	...	...	1,353	...	...	...	...	...	1,353	
	Do. ...	Tons.	...	...	159	320	...	...	...	...	159	320	
	Miscellaneous products ...	"	...	7	15	32	...	...	...	...	15	39	
	Do. ...	Contract.	...	...	...	1,006	...	...	...	...	...	1,006	
		Total ...	29	351	280	5,242	...	...	...	...	309	5,593	

Damoh ...	Grass ...	Tons.	...	...	217	79	...	...	...	...	217	79
	Do. ...	Contract.	...	...	...	214	...	...	...	...	...	214
	Hides and horns ...	"	...	...	...	703	...	...	...	...	...	703
	Lac ...	"	...	...	...	2,837	...	...	...	...	...	2,837
	Fruits and flowers ...	"	...	...	...	1,445	...	...	...	...	...	1,445
	Mineral products ...	Tons.	...	...	2,983	640	...	...	...	...	2,983	640
	Other minor produce ..	Contract.	...	...	...	309	...	...	...	...	...	309
	Miscellaneous produce ...	"	...	...	...	21	...	...	...	...	..	21
		Total ...	...	...	3,200	6,248	...	...	...	...	3,200	6,248
Saugor ...	Grass ...	Tons.	...	...	1,643	198	...	...	...	...	1,643	198
	Do. ...	Contract.	...	...	...	2,303	...	...	...	...	...	2,303
	Hides and horns ...	"	...	...	...	1,062	...	...	...	...	...	1,062
	Fruits and flowers ...	"	...	...	...	2,144	...	...	...	...	...	2,144
	Do. ...	Tons.	...	...	5	8	...	...	...	...	5	8
	Lac ...	Contract.	...	...	...	366	...	...	...	...	...	366
	Hurra ...	"	...	...	...	43	...	...	...	...	...	43
	Mineral products ...	"	...	...	...	185	...	...	...	...	...	185
	Do. ...	Tons.	...	...	940	420	..	...	...	...	940	420
	Miscellaneous products ...	"	...	108	1,675	434	...	...	...	...	1,675	542
	Do. ...	Contract.	...	...	...	960	...	...	...	...	...	960
		Total ...	...	108	4,263	8,123	...	...	...	...	4,263	8,231
Narsinghpur ...	Grass ...	Contract.	...	...	...	112	...	...	...	...	...	112
	Do. ...	Tons.	...	...	23	7	...	...	...	...	23	7
	Hurra ..	Contract.	...	...	...	100	...	...	...	...	...	100
	Mohwa ...	"	...	...	...	702	...	...	...	...	...	702
	Hides and horns ..	"	...	...	...	356	...	...	...	...	...	356
	Do. ...	Tons.	...	...	...	10	...	...	...	...	...	10
	Lac ...	Contract.	...	...	...	222	...	...	...	...	...	222
	Mineral products ...	"	...	...	...	244	...	...	...	...	...	244
	Do. ...	Tons.	...	...	23	114	...	...	...	...	23	114
	Other minor produce ...	"	...	...	...	1	...	...	...	...	...	1
	Do. ...	Contract.	...	...	...	33	...	...	...	...	...	33
	Miscellaneous products ...	"	...	...	...	617	...	...	...	...	...	617
	Do. ...	Tons.	...	...	293	388	...	...	...	...	293	388
		Total ...	...	...	339	2,906	...	...	...	...	339	2,906

ANNUAL FORM No. 58.—[*Prescribed.*]—(Contd.)

Division.	Description of Produce.		Produce removed or utilised— By Government agency. Quantity.	By Government agency. Value.	By purchasers. Quantity.	By purchasers. Value.	By free grants. Quantity.	By free grants. Value.	By right-holders. Quantity.	By right-holders. Value.	Total. Quantity.	Total. Value.	Remarks.
1	2		3	4	5	6	7	8	9	10	11	12	13
				Rs.		Rs.		Rs.		Rs.		Rs.	
Hoshangabad ...	Grass ...	Tons.	...	...	1,171	766	...	...	...	...	1,171	766	
	Do. ...	Contract.	...	...	...	883	...	...	...	...	...	883	
	Hurra ...	"	...	...	...	473	...	...	...	...	...	473	
	Lac ...	"	...	...	...	425	...	...	...	...	...	425	
	Mohwa ...	"	...	...	...	995	...	...	...	...	...	995	
	Do. ...	Tons.	...	...	8	72	...	...	...	...	8	72	
	Hides and horns ...	"	...	...	...	91	...	...	...	...	...	91	
	Do. ...	Contract.	...	...	...	1,037	...	...	...	...	...	1,037	
	Fruits and flowers ...	"	...	...	...	221	...	...	...	...	...	221	
	Do. ...	Tons.	...	...	45	109	...	...	...	...	45	109	
	Other minor produce ...	"	...	4	834	1,545	...	...	...	...	834	1,549	
	Do. ...	Contract.	...	...	...	270	...	...	...	...	...	270	
	Mineral products ...	"	...	...	...	230	...	...	...	...	...	230	
	Do. ...	Tons.	...	...	215	100	...	...	...	...	215	100	
	Miscellaneous products ...	"	...	...	2,078	770	...	...	...	...	2,078	770	
	Do. ...	Contract.	...	...	...	140	...	...	...	...	...	140	
		Total ...	...	4	4,351	8,127	...	...	...	...	4,351	8,131	
Betul ...	Grass ...	Contract.	...	...	...	8	...	...	...	...	...	8	
	Do. ...	Tons.	...	...	3,731	1,748	...	...	...	...	3,731	1,748	
	Mohwa ...	"	...	...	1	6	...	...	...	...	1	6	
	Do. ...	Contract.	...	...	...	2,219	...	...	...	...	...	2,219	
	Hurra ...	"	...	...	...	5,326	...	...	...	...	...	5,326	
	Do. ...	Tons.	...	...	2	5	...	...	...	...	2	5	
	Hides and horns ...	"	...	...	...	1	...	...	...	...	...	1	
	Do. ...	Contract.	...	...	...	150	...	...	...	...	...	150	
	Lac ...	"	...	...	...	370	...	...	...	...	...	370	
	Do. ...	Tons.	...	...	...	37	...	...	...	...	...	37	

	Fruits and flowers ...	"	—	—	19	124	...	...	...	...	19	124
	Mineral products ...	"	...	...	181	94	...	...	...	...	181	94
	Other minor produce ...	"	...	...	416	307	...	...	...	...	416	307
	Do. ...	Contract.	...	...	...	935	...	...	...	...	...	935
	Miscellaneous products ...	"	...	...	...	304	...	...	...	...	...	304
	Do. ...	"	...	...	99	154	...	...	...	...	99	154
	Total ...		...	...	4,449	11,788	...	...	...	...	4,449	11,788
Nimar ..	Grass ...	Tons.	...	...	11,425	6,029	...	...	...	...	11,425	6,029
	Hides and horns ...	Contract.	...	...	...	283	...	...	...	...	...	283
	Other minor produce ...	Tons.	...	...	1,511	763	...	...	...	...	1,511	763
	Do. ...	Contract.	...	...	...	1,477	...	...	...	...	...	1,477
	Mineral products ...	Tons.	...	...	54	9	...	...	...	...	54	9
	Total ...		...	...	12,990	8,561	...	...	...	...	12,990	8,561
	TOTAL FOR NORTHERN CIRCLE ...		33	997	29,944	52,660	...	...	...	...	29,977	53,657
	GRAND TOTAL FOR C. P. ...		33	5,339	29,944	3,82,511	...	85	...	...	29,977	3,87,935

BENGAL SECRETARIAT LIBRARY

ANNUAL FORM No. 59—[*Prescribed.*]

FOREST DEPARTMENT, SOUTHERN CIRCLE, CENTRAL PROVINCES.

Account of Timber and other Produce cut or collected by Government Agency and brought to Sale Depôts, or sold locally, during the Forest year 1893-94.

Particulars.		No. or quantity.	Cubic feet.	Total of each head. No. or quantity.	Total of each head. Cubic feet.
Balance at commencement of the year—					
Askurs	No	534	...		
Dhuras	... „	87	...		
Do. bijasal	... „	394	...		
Harris	... „	52	...		
Logs, other than teak and sâl	... „	45	318		
Do. teak	... „	39	683		
Mayals, do.	... „	9	24		
Do. other than teak and sâl	... „	96	623		
Poles, teak, large	.. „	50	..		
Do. do. small	... „	35	...		
Do. other than teak and sâl	... „	656	...		
Planks, teak	... „	98	84		
Props, pit	... „	159	412		
Do., experimental	... „	21	125		
Scantlings, teak, new	.. „	785	...		
Do. do. 12′ × 9″ × 7″	... „	27	141		
Do. do. 8′ × 7″ × 4″	... „	247	371		
Do. do. 1′ 7½″ × 6″ × 3″	... „	46	9		
Do. do. 4½′ × 6″ × 3″	... „	1	1		
Do. do. 3½′ × 8″ × 8″	... „	44	68		
Sleepers, do. 3′ × 5″ × 5″	... „	25	13		
Do. do. 3½′ × 5″ × 5″	... „	5	3		
Do. do. 3′ × 6″ × 5″	... „	503	314		
Do. do. B. G. 10′ × 10″ × 5″	... „	93	313		
Do. * other than teak and sâl	... „	4	4		
Thoonis, do. do.	... „	301	...		
Bamboos, large	... „	1,722	...		
do. small	... „	2,143	...		
Hurra (myrabolam)	Maunds	2,798	...		
				11,017	3,506

Particulars.		No. or quantity.	Cubic feet.	Total of each head. No or quantity.	Total of each head. Cubic feet.
Removed by purchasers from Depôts—					
Askurs	No.	318	..		
Dhuras	... „	131	...		
Do. bijasal	... „	451	...		
Harris	... „	48	...		
Logs, other than teak and sâl	... „	47	408		
Mayals, other than teak and sâl,	... „	231	131		
Poles, teak, large	... „	313	...		
Do. do. small	... „	22	...		
Do. other than teak and sâl large	... „	9	...		
Do. do. do. small	... „	624	...		
Planks, teak	... „	91	81		
Props, pit	... „	1,975	9,492		
Do., experimental	... „	21	125		
Scantlings, teak, new	... „	375	241		
Do. do. 12′ × 9″ × 7″	... „	1	5		
Do. do. 8′ × 7″ × 4″	... „	116	185		
Do. do. 3½′ × 8″ × 8″	... „	2	3		
Do. do. 4½′ × 6″ × 3″	... „	101	57		
Do. do. 1′ 7½″ × 6″ × 3″	... „	151	26		
Do. do. other than teak and sâl	... „	2	10		
Sleepers, teak, B. G. 10′ × 10″ × 5″	... „	77	267		
Thoonis, other than teak and sâl	... „	264	...		
Bamboos, large	... „	2,345	...		
Do. small	... „	4,452	...		
Charcoal	...c. ft.	1,008	...		
Tattas, thatching	...No.	4,850	...		
Grass	...Pulas	23,000	...		
				41,025	11,031

Received from Forests in Depôts—					
Props, pit	No	1,980	9,657		
Dhuras	... „	100	...		
Do. bijasâl	... „	90	...		
Logs, do.	... „	7	102		
Poles, teak, large	... „	310	...		
Harris	... „	302	...		
Poles, other, small	... „	448	...		
Logs, other than teak, sâl	... „	6	50		
Thoonis do. do.	... „	94	...		
Charcoal	...C. ft.	1,008	...		
Bamboos, large	... No.	3,000	...		
Do., small	... „	7,222	...		
Tattas, thatching	.. „	10,000	...		
Grass	...Pulas	23,000	...		
Received by conversion in Depôts—				47,567	9,809
Scantlings, bijasâl	... No	2	10		
Do. teak 1–7½″ × 6″ × 3″	... „	150	25		
Do. do. 4½ × 6″ × 3″	... „	100	56		
Do. do. new	... „	256	180		
Planks do.	... „	14	14		
Excess found—				522	285
Dhuras, bijasâl	... No	17	...		
Logs, teak	... „	6	...		
Scantlings, do.	... C. ft.	...	146		
Do. do. 8′ × 7″ × 4″	... „	...	17		
Do. do. 12′ × 9″ × 7″	... „	...	1		
Sleepers, B. G. 10′ × 10″ × 5″	... „	...	10		
Received from Forests and sold locally—				23	174
Trees, teak	No.	5,746	...		
Do. other than teak and sâl ...	„	8,892	...		
Poles, do. do. ...	„	130,895	...		
Do. teak ...	„	20,838	...		
Thoonis, other than teak and sâl ...	„	1,473	...		
Lats ...	„	9	...		
Mundas, teak ...	„	461	...		
Moyals ...	„	78	...		
Dhuras ...	„	44	...		
Axles ...	„	157	...		
Building-wood ...	Cart-loads	74	...		
Firewood ...	„	4,934	..		

Converted in Depôts—					
Logs, teak ...	No.	1	14		
Used Departmentally—				1	14
Askurs ...	No.	18	...		
Dhuras ...	„	1	...		
Harris ...	„	4	...		
Poles, teak, large ...	„	8	...		
Do. do. small ...	„	2	...		
Do. other than teak and sâl, large ...	„	233	...		
Do. do. do. small ...	„	158	...		
Props, pit ...	„	41	181		
Thoonis, saj, large ...	„	11	...		
Bamboos, small ...	„	345	...		
Tattas, thatching ...	„	5,150	...		
Received from Forests and sold locally—				5,966	181
Axles ...	No.	157	...		
Building wood ...	Cart-loads	74	...		
Baglis, sâl, of sleepers ...	No.	1,675	...		
Dhuras ...	„	44	...		
Do. bijasâl ...	„	12	...		
Dhuras ...	„	2,138	...		
Dongas ...	„	2	...		
Furras, teak ...	„	6	5		
Golas, do. ...	„	12	...		
Do. common ...	„	57	...		
Khodes, teak ...	Cart-loads	100	...		
Lats other than teak and sâl ...	No.	9	...		
Do. bhira ...	„	32	...		
Logs, teak ...	„	230	6,376		
Do. other than teak and sâl ...	„	41	82		
Mundas, teak ...	„	461	...		
Do., other than teak and sâl ...	„	888	...		
Mudkas do. do. ...	„	122	...		
Poles, teak ...	„	20,838	...		
Do. other than teak and sâl ...	„	1,30,895	...		
Do., do. do. ...	Cart-loads	33	...		
Do., and log, sâl ...	No.	6,300	9,160		
Pieces, teak ...	„	22	...		
Do., other than teak and sâl ...	„	1,121	...		
Planks, teak ...	„	40	36		
Do. sâl ...	„	68	393		
Do. shishum ...	„	3	3		

ANNUAL FORM No. 59—[*Prescribed*]—(Contd.)

Particulars.		No. or quantity.	Cubic feet.	Total of each head. No. or quantity.	Total of each head. Cubic feet.
Firewood ...	C. ft.	...	51,564		
Do. ...	Tons	3,349	...		
Do. ...	Head-loads	2,415	...		
Do. ...	Kawar-loads	471	...		
Do. ...	Maunds	1,020	...		
Do. ...	Stacks	21,102	...		
Golas, teak ...	No.	12	...		
Golas, common ...	"	57	...		
Logs, other than teak and sâl ...	"	41	82		
Poles, other do. do. ...	Cart-loads	33	...		
Furras, teak ...	No.	6	5		
Logs, do. ...	"	230	6,376		
Dhuras, bijasâl ...	"	12	...		
Dogas ...	"	2	...		
Lats, bhira ...	"	32	...		
Khodes, teak ...	Cart-loads	100	...		
Mundas, other than teak and sâl...	No.	888	...		
Pieces, teak ...	"	22	...		
Do., other than teak and sâl ...	"	1,121	...		
Firewood ...	Bullock-loads	112	...		
Poles and logs, sâl ...	No.	6,300	9,160		
Baglis of sâl sleepers ...	"	1,675	...		
Mudkas ...	"	122	...		
Dhuras ...	"	2,138	...		
Khakri	Cart-loads	1,097	...		
Planks, teak ...	No.	49	36		
Do., shishum ...	"	3	3		
Scantlings, teak ...	"	429	639		
Do. do. 8′×7″×4″ ...	"	10	16		
Do. do. 4½′×6″×3″ ...	"	19	10		

Particulars.		No. or quantity.	Cubic feet.	Total of each head. No. or quantiy.	Total of each head. Cubic feet.
Scantlings, teak ...	"	429	639		
Do. do. 8′×7″×4″ ...	"	10	16		
Do. do. 4½′×6″×3″ ...	"	19	10		
Do. sâl ...	"	5	43		
Sleepers, Teak B. G. 10′×10″×5″	"	1	3		
Do. sâl ...	"	30	90		
Do. rejected ...	"	92	...		
Firewood ...	Head-loads	2,415	...		
Do. ...	Kawar-loads	471	...		
Do. ...	Bullock-loads	112	...		
Do. ...	Cart-loads	4,934	...		
Do. ...	Stacks	21,102	...		
Do. ...	Maunds	1,020	...		
Do. ...	Tons	3,349	...		
Do. ...	C. ft.	...	51,564		
Charcoal ...	Kawar-loads	41	...		
Khakri ...	Cart-loads	1,097	...		
Moyals ...	No.	78	...		
Thoonis, other than teak and sâl	"	1,473	...		
Trees, do. do. ...	"	8,892	...		
Do., teak ...	"	5,746	...		
Bamboos ...	"	78,150	...		
Do. for lance shaft ...	"	12	...		
Karka ...	Cart-loads	9	...		
Achar ...	Seers	483	...		
Paichandi ...	"	27	...		
Grass ...	Pulas	1,138,526	...		
Gulli (toli) ...	Kuros	207	...		
Gum ...	Seers	50	...		
Hurra (myrabolam) ...	"	435,175	...		
Honey ...	"	216	...		

Sleepers, teak B. G. 10′ × 10′ × 5″	No.	1	3		
Do., sâl ...	„	30	90		
Do, do. rejected ...	„	92	...		
Scantlings, sâl ...	„	5	43		
Planks, sâl ...	„	68	393		
Charcoal	Kawar-loads	41	...		
Bamboos ...	No.	78,150	...		
Do. for shafts ...	„	12	...		
Karka	..Cart-loads	9	...		
Baichandi ...	Seers	27	...		
Grass ...	Pulas	1,138,526	...		
Hurra (myrabolam) ...	Seers	435,175	...		
Lac ...	„	854	...		
Resin ...	Maunds	12	...		
Tickur ...	„	12	...		
Mowha ...	Khandis	17	...		
Do. ...	Seers	27,086	...		
Gulli (toli) ...	Kuroos	207	...		
Wax-bees' ...	Seers	17	...		
Honey ...	„	216	...		
Gum ...	„	50	...		
Horns ...	„	272	...		
Achar ...	„	483	...		
Chironji ...	„	4	...		
				1,897,834	68,420
Confiscated and sold locally—					
Axles	No.	10	...		
Poles, other than teak and sâl	„	75	...		
Mayals, teak ...	„	2	...		
Mudkas, sal ...	„	43	...		
Trees, other ...	„	1	...		
Bamboos ...	„	136	...		
Plantains ...	„	100	...		
Taraju ...		1	...		
				368	

Horns ...	Seers	272	...		
Chironji ...	„	4	...		
Lac ...	„	854	...		
Mowha ...	„	27,086	...		
Do. ...	Kandies	17	...		
Resin ...	Maunds	12	...		
Tikur ...	„	12	...		
Wax-bees' ...	Seers	17	...		
Confiscated and sold locally— ...				1,897,834	68,420
Axles	No.	10	...		
Poles, other than teak and sâl ...	„	75	...		
Moyals, teak ...	„	2	...		
Mudkas, sâl ...	„	43	...		
Trees, other ...	„	1	...		
Bamboos ...	„	136	...		
Plantains ...	„	100	...		
Taraju ...	„	1	...		
Balance at close of the year—				368	
Askurs	No.	203	...		
Dhoras ...	„	55	...		
Do., bijasal ...	„	50	...		
Harris ...	„	302	...		
Logs, bijasal ...	„	5	13		
Logs, teak ...	„	44	669		
Do., othar than teak and sâl ...	„	6	50		
Moyals ...	„	73	490		
Poles, teak, large ...	„	39	...		
Do., small ...	„	11	...		
Mayals, teak	„	9	21		
Poles, other, small ...	„	80	...		
Planks, teak ...	„	21	18		
Props, pit ..	„	123	393		
Scantlings, teak, new ...	„	664	86		
Do. do. 1′-7¼″ × 6″ × 3″ ...	„	45	9		
Do. do. 3½′ × 8″ × 8″ ...	„	42	65		
Do. do. 8′ × 7″ × 4″ ...	„	131	204		
Do. do. 12′ × 9″ × 7″ ...	„	26	137		
Sleepers, do. 3′ × 5″ × 5″ ...	„	25	13		
Do. do. 3½ × 5″ × 5″ ...	„	5	8		
Do. do. 3′ × 6″ × 5″ ...	„	503	314		
Do. B. G. 10′ × 10″ × 5″ ...	„	16	56		
Do. other than teak and sâl ...	„	4	4		

ANNUAL FORM No. 59—[*Prescribed*]—Concld.

Particulars.	No. or quantity.	Cubic feet.	Total of each head. No. or quantity.	Total of each head. Cubic feet.
Received from Forests and sold locally—(*Concld.*)				
Total ...	...	...	1,957,331	82,194

Particulars.		No. or quantity.	Cubic feet.	Total of each head. No. or quantity.	Total of each head. Cubic feet.
Received from Forests and sold locally—(*Concld.*)					
Thunis saj, large	... „	114	...		
Do. other than teak and saj	... „	[illegible]	...		
Bamboos, small	... „	4,568	...		
Do. large	... „	2,377	...		
Hurra (myrabolam)	Maunds	2,590	...		
				12,137	2,548
Total ...		...	...	1,957,331	82,194

Abstract.

RECEIPTS.

Balance in hand at commencement of the year.	11,017	3,506
Received from Forests in depôts ..	47,537	9,809
Received by conversion in depôts ..	522	285
Received by re-measurement ..	23	174
Received from the Forests and sold locally ..	1,897,834	68,420
Received by confiscation and sold locally ...	368	...
Total ...	1,957,331	82,194

DISPOSALS.

Removed by purchasers from the depôts ..	41,025	11,031
Converted in depôts ...	1	14
Used Departmentally ...	5,96	181
Received from the Forests and sold locally ...	1,897,834	68,420
Confiscated and sold locally ..	36	...
Balance at close of the year ..	12,137	2,548
Total ...	1,957,331	82,194

ANNUAL FORM No. 53.—[*Prescribed.*]

FOREST DEPARTMENT, NORTHERN CIRCLE, CENTRAL PROVINCES.

Account of Timber and other Produce cut or collected by Government Agency and brought to Sale Depôts, or sold locally, during the Forest year 1893-94.

Particulars.		No. or quantity.	Cubic feet.	Total of each head. No. or quantity	Total of each head. Cubic feet
Balance at the commencement of the year—					
Teak poles	No.	653	...		
„ sakties	„	2,434	...		
„ chulids	„	3,051	...		
„ stumps	„	48	202		
„ sleepers	„	121	20		
„ logs	„	51	324		
Sâl sleepers	„	77	290		
„ scantlings	„	...	351		
„ square logs	„	3	76		
Sutkatta poles	„	63	..		
Teekur	Mds.	58	.		
Horns	No.	3	...		
Baichandi	Mds.	34	...		
Bamboos	No.	8,248	...		
Grass (poolas)	„	3,000	...		
Rall	Mds.	112	...		
Hurra	„	15,979	...		
Mohwa	„	150	...		
Bansingada	Seers.	6	...		
Gur sukree	„	1	...		
Kamraj	„	2	...		
Timber (coppiced)	„	...	164,640		
Firewood do.	„	...	691,009	34,094	856,912
Received from the Forests in Depôts—					
Teak poles	No.	1,045	...		

Particulars.		No. or quantity	Cubic feet.	Total of each head. No. or quantity.	Total of each head. Cubic feet.
Removed by purchasers from depôts—					
Teak poles	No.	1,043	...		
Satkatta poles	„	63	...		
Teak sakties	„	2,434	...		
„ choolias	„	3,051	...		
Other poles	„	241	242		
Miscellaneous poles	„	256	...		
Teak buttens	„	40	42		
„ pieces (cart-loads)	„	6	...		
Tendoo logs	„	4	...		
Bamboos	„	19,082	...		
Grass (poolas)	„	1,30,100	...		
Rall	Mds.	44	...		
Teekur	„	41	...		
Baichandi	Mds	34	...		
Hides	No.	1	...		
Bansingara	Seers.	6	...		
Gur sukree	„	1	...		
Kamraj	„	2	...		
Hurra	Mds.	168	...		
Lac	„	5	...		
Horns	No.	2	...		
Oranges and lemons	„	722	...	...	...
Timber (coppiced)		...	63,990	...	...
Firewood do.		...	865,429	157,346	929,768

ANNUAL FORM No. 59.—[*Prescribed.*]—(Concld.)

Particulars.		No. or quantity.	Cubic feet.	Total of each head. No or quantity.	Total of each head. Cubic feet.	Particulars.		No. or quantity.	Cubic feet.	Total of each head. No. or quantity.	Total of each head. Cubic feet.
Other poles	"	1,433	1,233			Excess shown in the year 1892-93—					
Miscellaneous poles	"	284	...								
Tendu mulgas	"	4	...			Hurra	Mds.	61	...	61	
Teak pieces (cart-loads)		6	...								
Teak battens	No.	40	42			Balance at the close of the year—					
Bamboos	"	21,700	...								
Grass (poolas)	"	127,100	...								
Hurra	Mds.	33,668	...			Teak poles	No.	655	...		
Rall	"	52	...			" stumps	"	48	202		
Teekur	"	35	...			" sleepers	"	121	20		
Horns	No.	2	...			" logs	"	51	324		
Baichandi	Mds.	38	...			Other poles	"	1,192	991		
Hides	No.	11	...			Miscellaneous poles	"	28	...		
Lac	Mds.	5	...			Sal sleepers	"	77	2 0		
Oranges and lemons	No.	722	...			" scantlings	"	...	351		
Timber (coppiced)		...	69,750			" square logs	"	3	76		
Firewood do.		...	724,440	186,145	795,465	Bamboos	"	10,866	...		
						Hurra	Mds.	49,418	...		
						Rall	"	120	...		
						Teekur	"	52	...		
						Horns	No.	3	...		
						Baichandi	Seers.	38	...		
						Hides	No.	10	...		
						Mohwa	Mds.	150	...		
						Timber (coppiced)		...	170,400		
						Firewood do.		...	550,020	62,832	7,22,674
TOTAL FOR NORTHERN CIRCLE ...		...	...	220,239	1,652,377	TOTAL FOR NORTHERN CIRCLE ...		...	..	220,239	1,652,377
GRAND TOTAL FOR C. P. ...		...	...	2,177,570	1,734,571	GRAND TOTAL FOR C. P. ...		...	...	2,177,570	1,734,571

ANNUAL FORM No. 60.—[*Prescribed.*]

FOREST DEPARTMENT, SOUTHERN CIRCLE, CENTRAL PROVINCES.

Abstract showing the Value of Timber and other Produce at Sale Depôts for the Forest year 1893-94.

Description of Timber and other Produce.	On hand at commencement of the year.			On hand at close of the year			Difference in value.		Remarks.
	No.	C. ft.	Value.	No.	C ft	Value	In favour of the year.	Against the year.	
1	2	3	4	5	6	7	8	9	10
			Rs.			Rs.	Rs.	Rs.	
Askurs No. ...	534	...	134	203	...	51	...	...	
Dhuras „ ...	481	...	279	105	...	58	...	...	
Harris „ ...	52	...	65	302	...	377	...	...	
Logs, other than teak and sâl „ ...	45	318	199	11	63	33	...	...	
Do., teak „ ...	39	683	1,025	44	669	669	...	...	
Mayals do. „ ...	9	24	36	9	24	5	...	...	
Do., other than teak and sâl „ ...	96	623	312	73	491	245	...	...	
Planks, teak „ ...	98	84	126	21	18	18	...	...	
Poles, other than teak and sâl „ ..	656	...	156	80	...	8	...	...	
Do., teak large „ ..	50	...	37	39	...	39	...	...	
Do., do. small „ ..	35	...	13	11	...	2	...	...	
Props, experimental „ ...	21	125	...	..	...	...	...	...	
Do., pit „ ...	159	412	206	123	393	66	...	...	
Scantlings, teak, of sizes „ ...	783	...	293	664	86	64	...	...	
Do., do. „ ...	47	10	18	45	9	17	...	...	
Do., do. 3½′×8″×8″ „ ..	44	68	119	42	65	97	...	...	
Do., do. 8′×7″×4″ „ ..	247	371	649	131	204	229	...	...	
Do., do. 12′×9″×7″ „ ...	27	141	220	26	136	191	...	...	
Sleepers, Teak 3′×5″×5″ „ ..	25	13	16	25	15	14	...	...	
Do., do., 3½′×5″×5″ „ ...	5	3	3	5	3	3	...	...	
Do., do., 3′×6″×5″ „ ...	503	314	472	503	314	425	...	...	
Do., do., B. G. 10′×10″×5″ „ ...	93	313	365	16	56	56	...	...	
Do., other than teak and sâl „ ...	4	4	10	4	4	9	...	...	
Thoonis, other than teak and sâl „ ..	301	...	80	120	...	19	...	...	
Total ..	4,354	3,506	4,833	2,602	2,548	2,695	...	...	
Bamboos, large No. ...	1,722	...	152	2,377	...	278	...	...	
Do., small „ ...	2,143			4,568					
Total ...	3,865	...	152	6,945	...	278	...	...	
Hurra (myrabolan) Mds. ..	2,798	...	4,896	2,871	...	8,613	...	...	
Total ...	2,798	...	4,896	2,871	...	8,613	...	...	
TOTAL FOR SOUTHERN CIRCLE ...	11,017	3,506	9,881	12,418	2,548	11,586	1,705	...	

ANNUAL FORM No. 60.—[*Prescribed.*]

FOREST DEPARTMENT, NORTHERN CIRCLE, CENTRAL PROVINCES.

Abstract showing the Value of Timber and other Produce at Sale Depôts for the Forest Year 1893-94.

Description of Timber and other Produce.	On hand at commencement of the year.			On hand at close of the year.			Difference in value.		Remarks.
	No.	C. ft.	Value.	No.	C. ft.	Value.	In favour of the year.	Against the year.	
1	2	3	4	5	6	7	8	9	10
			Rs.			Rs.	Rs.	Rs.	
Timber (Coppiced) ...	...	164,640	11,713	...	170,400	12,122	...	...	
Teak logs ...	51	324	8	99	526	8	...	...	
„ sleepers ...	121	20	7	121	20	7	...	...	
Sâl sleepers ...	77	290	248	77	290	248	...	...	
„ scantlings ...	...	351		...	351		...	...	
„ logs, squared ...	3	76	75	3	76	75	...	...	
Teak poles ...	653	...	20	655	430	171	...	...	
„ sakties ...	2,434	...	99	...	...	...	...	...	
„ chulias ..	3,051	...	762	...	...	...	...	...	
„ stumps ...	48	202	66	...	...	...	...	...	
Sutcutta poles ...	63	...	3	...	...	...	...	...	
Other poles ...	...	...	...	1,192	991	139	...	...	
Miscellaneous poles ...	...	...	...	28	...		...	...	
Total ...	6,501	165,903	13,001	2,175	173,084	12,770	...	231	
Fire wood (coppiced) ...	...	691,009	4,318	...	550,020	3,436	...	882	
Grass poolas ..	3,000	...	2	...	...	...	...	2	
Bamboos No. ...	8,248	...	93	10,866	...	122	29	...	
Teakur Mds. ...	58	...	401	52	...	366	...	...	
Horns Do. ...	3	...	19	3	...	28	...	...	
Baichandi Seers. ...	34	...	5	38	...	6	...	...	
Rall ...	112	...	673	120	...	722	...	...	
Hurra (myrabolan) ...	15,979	...	45,851	49,418	...	1,42,102	...	...	
Mohwa ...	150	...	84	150	...	84	...	...	
Bansingara Seers. ...	6	...	...	...	...	...	...	...	
Gur Sukri „ ..	1	...	...	...	...	...	...	...	
Kamraj „ ..	·2	...	...	...	...	...	...	...	
Hides Mds. ..	...	...	...	10	...	10	...	...	
Total ...	16,345	...	47,033	49,791	...	1,43,318	96,285	...	
TOTAL FOR NORTHERN CIRCLE.	34,094	856,912	64,447	62,832	723,104	1,59,646	95,199	...	
GRAND TOTAL For C. P....	45,111	860,418	74,328	75,250	725,652	171,232	96,904	...	

FORM 60. A.—[*Prescribed.*]

FOREST DEPARTMENT, NORTHERN CIRCLE, CENTRAL PROVINCES.

Abstract showing the Value of Live and Dead Stock for the year 1893-94.

Description of stock.	On hand at commencement of the year.		On hand at close of the year.		Difference in value.		Remarks.
	No.	Value.	No.	Value.	In favour of the year.	Against the year.	
		Rs.		Rs.			
Elephants	2	11,42	2	2,542	1,400	.....	
Other live stock	2	60	59	896	836	.....	
Other dead stock	.....	28,615	.....	35,187	6,572	.....	
Total ...	4	29 ,817	61	38,625	8,808	.....	

ANNUAL FORM

FOREST DEPARTMENT, SOUTHERN

Summary of Revenue of the different

Budget heads.	Direction Division.	Balaghat Division.	Bhandara Division.	Bilaspur Division.
1	2	3	4	5
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
RECEIPTS.				
I.—Timber and other produce removed from the forests by Government agency—				
a.—Timber	...	27 0 0	1,944 0 0	203 0 0
b.—Firewood and charcoal	...	556 0 0	1,594 0 0	264 0 0
c.—Bamboos	...	497 0 0	51 0 0	181 0 0
d.—Sandal-wood	...	...	...	...
e.—Grass and other minor produce ...	...	308 0 0	...	9 0 0
Total I ...	...	1,388 0 0	3,589 0 0	657 0 0
II.—Timber and other produce removed from the forests by consumers or purchasers—				
a.—Timber	...	41,084 0 0	34,218 0 0	32,204 0 0
b.—Firewood and charcoal... ...	...	92 0 0	4,400 0 0	54 0 0
c.—Bamboos	...	540 0 0	117 0 0	1 0 0
d.—Grazing and fodder grass ...	...	492 0 0	33 0 0	20 0 0
e.—Other minor produce	...	12,037 0 0	1,385 0 0	1,620 0 0
f.—Forest stamps	...	12,164 0 0	3,213 0 0	248 0 0
g.—Other items	...	8,389 0 0	7,901 0 0	5,280 0 0
		133 0 0	...	5 0 0
Total II ...	...	74,931 0 0	51,267 0 0	39,432 0 0
III.—Confiscated drift and waif-wood ...	...	197 0 0	537 0 0	68 0 0
Total III ...	...	197 0 0	537 0 0	68 0 0
IV.—Revenue from forests not managed by Government—				
a.—Duty on foreign timber and other forest produce	...	...	...	...
b.—Revenue from shared and private forests	...	...	..	...
Total IV ..	...	...	...	...
V.—Miscellaneous—				
a.—Fines and forfeitures	...	...	4 0 0	145 0 0
b.—Refunds	8 0 0	12 0 0	12 0 0	46 0 0
c.—Other sources	2,626 0 0	537 0 0	580 0 0	870 0 0
Total V ...	2,634 0 0	549 0 0	596 0 0	1,061 0 0
TOTAL RECEIPTS ...	2,634 0 0	77,065 0 0	55,989 0 0	41,218 0 0

No. 61.—[*Prescribed.*]

CIRCLE, CENTRAL PROVINCES.

Divisions of the Forest year 1893-94.

Chanda Division.	Chhattisgarh Division	Chhindwara Division.	Nagpur-Wardha Division.	Sambalpur Division.	Sconi Division	Total.
6	7	8	9	10	11	12
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs a. p.	Rs. a. p.
11,098 0 0	206 0 0	...	4,331 0 0	...	...	17,809 0 0
131 0 0	263 0 0	...	3,380 0 0	...	..	6,188 0 0
245 0 0	628 0 0	...	6 0 0	...	...	1,608 0 0
...	...	...	...	...	...	...
1,188 0 0	162 0 0	...	208 0 0	...	...	1,875 0 0
12,662 0 0	1,259 0 0	...	7,925 0 0	..	...	27,480 0 0
61,404 0 0	45,109 0 0	31,189 0 0	35,552 0 0	10,328 0 0	52,595 0 0	3,43,683 0 0
3,589 0 0	262 0 0	652 0 0	2,149 0 0	315 0 0	227 0 0	11,740 0 0
780 0 0	...	—587 0 0	22 0 0	24 0 0	93 0 0	990 0 0
983 0 0	6 0 0	—1,134 0 0	4 0 0	82 0 0	8 0 0	494 0 0
18,656 0 0	2 0 0	393 0 0	5,643 0 0	477 0 0	1,203 0 0	41,416 0 0
11,689 0 0	23,895 0 0	2,705 0 0	2,972 0 0	1,341 0 0	4,061 0 0	62,289 0 0
11,960 0 0	7,070 0 0	2,644 0 0	3,667 0 0	8,809 0 0	5,227 0 0	60,947 0 0
...	..	...	...	...	...	138 0 0
1,09,061 0 0	76,344 0 0	35,862 0 0	50,010 0 0	21,376 0 0	63,414 0 0	5,21,697 0 0
273 0 0	3 0 0	253 0 0	564 0 0	52 0 0	...	1,947 0 0
273 0 0	3 0 0	253 0 0	564 0 0	52 0 0	...	1,947 0 0
...	...	...	...	...	...	...
..	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	5 0 0	...	5 0 0	...	159 0 0
44 0 0	13 0 0	176 0 0	...	63 0 0	85 0 0	459 0 0
1,453 0 0	332 0 0	1,115 0 0	558 0 0	700 0 0	524 0 0	9,295 0 0
1,497 0 0	345 0 0	1,296 0 0	558 0 0	768 0 0	609 0 0	9,913 0 0
1,23,493 0 0	77,951 0 0	37,411 0 0	59,057 0 0	22,196 0 0	64,023 0 0	5,61,037 0 0

Budget heads.	Direction Division.	Balaghat Division.	Bhandara Division.	Bilaspur Division.
1	2	3	4	5
A.—CONSERVANCY AND WORKS.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
I.—Timber and other produce removed from the forests by Government agency—				
a.—Timber	...	2,450 0 0	604 0 0	1,056 0 0
b.—Firewood and charcoal ...	...	676 0 0	4,985 0 0	292 0 0
c.—Bamboos	...	186 0 0	109 0 0	36 0 0
d.—Sandal-wood	...	—1 0 0	...	...
e.—Grass and other minor produce ...	...	470 0 0	...	72 0 0
Total A-I ...	...	3,781 0 0	5,698 0 0	1,456 0 0
II.—Timber and other produce removed from the forests by consumers or purchasers ...	...	8,215 0 0	6,146 0 0	7,192 0 0
Total A-II ...	...	8,215 0 0	6,146 0 0	7,192 0 0
III.—Drift and waif-wood and confiscated forest produce	...	...	...	...
Total A-III ...	...	...	...	...
IV.—Revenue from forests not managed by Government—				
a.—Duty on foreign timber and other forest produce	...	...	...	...
b.—Revenue from shared and private forests	...	...	...	...
Total A-IV ...	...	...	...	...
V.—Rent of leased forests and payments to shareholders in forests managed by Government.	...	...	...	...
Total A-V ...	...	...	...	...
VI.—Live-stock, stores, tools and plant—				
a.—Purchase of cattle	...	...	...	..
b.—Feed and keep of cattle ...	865 0 0	...	...	...
c.—Purchase of stores, tools and plant ...	3,183 0 0	2 0 0	30 0 0	86 0 0
Total A-VI ...	4,048 0 0	2 0 0	30 0 0	86 0 0
VII.—Communications and buildings—				
a.—Roads and bridges	...	327 0 0	...	1,029 0 0
b.—Buildings	...	283 0 0	461 0 0	117 0 0
c.—Other works	...	140 0 0	...	44 0 0
Total A-VII ...	...	750 0 0	461 0 0	1,190 0 0

No. 61.—(FOREST YEAR)—[*Prescribed*].—(Contd.)

Chanda Division	Chhattisgarh Division.	Chhindwara Division.	Nagpur-Wardha Division.	Sambalpur Division.	Seoni Division.	Total.
6	7	8	9	10	11	12
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
10,001 0 0	6,729 0 0	35 0 0	1,552 0 0	...	..	22,427 0 0
255 0 0	35 0 0	...	2,126 0 0	176 0 0	..	8,545 0 0
251 0 0	302 0 0	...	...	.	...	884 0 0
...	..	..	...	...	...	—1 0 0
346 0 0	225 0 0	711 0 0	15 0 0	437 0 0	.	2,276 0 0
10,853 0 0	7,291 0 0	746 0 0	3,693 0 0	613 0 0	...	34,131 0 0
8,082 0 0	10,679 0 0	6,809 0 0	5,544 0 0	3,106 0 0	6,836 0 0	62,609 0 0
8,082 0 0	10,679 0 0	6,809 0 0	5,544 0 0	3,106 0 0	6,836 0 0	62,609 0 0
5 0 0	3 0 0	...	...	...	...	8 0 0
5 0 0	3 0 0	...	...	...	...	8 0 0
..	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	..	...	...	...	...
...	...	...	...	...	..	...
...	...	...	...	...	...	...
2,327 0 0	72 0 0	...	...	...	8 0 0	3,272 0 0
309 0 0	56 0 0	25 0 0	110 0 0	26 0 0	5 0 0	3,832 0 0
2,636 0 0	128 0 0	25 0 0	110 0 0	26 0 0	13 0 0	7,104 0 0
1,264 0 0	143 0 0	...	137 0 0	29 0 0	61 0 0	2,990 0 0
1,826 0 0	383 0 0	150 0 0	605 0 0	66 0 0	481 0 0	4,372 0 0
267 0 0	...	...	...	...	...	451 0 0
3,357 0 0	526 0 0	150 0 0	742 0 0	95 0 0	542 0 0	7,813 0 0

Budget heads.	Direction Division.	Balaghat Division.	Bhandara. Division.	Bilaspur Division.
1	2	3	4	5
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
A.—CONSERVANCY AND WORKS.—(Concld.)				
VIII.—Demarcation, improvement and extension of forests—				
a.—Demarcation	...	824 0 0	10 0 0	...
b.—Compensation for land and rights ...	...	...	...	...
c.—Surveys	...	9,442 0 0	2,132 0 0	...
d.—Working plans	335 0 0	...	...	...
e.—Sowing and planting ...	...	42 0 0	159 0 0	129 0 0
f.—Protection from fire	...	2,730 0 0	1,195 0 0	4,682 0 0
g.—Other works	...	65 0 0	59 0 0	...
Total A-VIII ...	335 0 0	13,103 0 0	3,555 0 0	4,811 0 0
IX.—Miscellaneous—				
a.—Refunds	...	214 0 0	2,008 0 0	1,008 0 0
b.—Law charges	...	...	3 0 0	18 0 0
c.—Other charges	2,837 0 0	21 0 0	43 0 0	28 0 0
Total A-IX ...	2,837 0 0	235 0 0	2,054 0 0	1,054 0 0
TOTAL A.—CONSERVANCY AND WORKS ...	7,220 0 0	26,086 0 0	17,944 0 0	15,789 0 0
B.—ESTABLISHMENT.				
I.—Salaries—				
a.—Conservators	16,480 0 0	...	...	...
b.—Superior officers	6,170 0 0	5,200 0 0	3,600 0 0	7,395 0 0
c.—Subordinate forest and depôt establishments	1,260 0 0	7,452 0 0	7,902 0 0	4,208 0 0
d.—Office establishments	5,170 0 0	1,150 0 0	1,650 0 0	1,078 0 0
e.—Deputation and special allowances ...	1,316 0 0	...	...	...
f.—Exchange compensation allowance ...	2,560 0 0	...	415 0 0	734 0 0
Total B-I ...	32,956 0 0	13,802 0 0	13,567 0 0	13,415 0 0
II.—Travelling allowances—				
a.—Conservators	761 0 0	...	...	...
b.—Superior officers	652 0 0	947 0 0	573 0 0	925 0 0
c.—Subordinate forest and depôt establishments	191 0 0	803 0 0	724 0 0	523 0 0
d.—Office establishments .	122 0 0	50 0 0	54 0 0	106 0 0
Total B-II ..	1,726 0 0	1,800 0 0	1,351 0 0	1,554 0 0
III.—Contingencies—				
a.—Stationery	11 0 0	37 0 0	44 0 0	19 0 0
b.—Carriage of tents and records ...	522 0 0	295 0 0	390 0 0	508 0 0
c.—Rents, rates and taxes ...	18 0 0	...	...	...
d.—Pay of police guards ...	...	...	...	...
e.—Official postage	328 0 0	51 0 0	257 0 0	248 0 0
f.—Sundries	2,693 0 0	537 0 0	139 0 0	257 0 0
Total B-III ...	3,572 0 0	920 0 0	830 0 0	1,032 0 0
TOTAL B.—ESTABLISHMENTS ...	38,254 0 0	16,522 0 0	15,748 0 0	16,001 0 0
GRAND TOTAL OF EXPENDITURE ...	45,474 0 0	42,608 0 0	33,692 0 0	31,790 0 0
SURPLUS (+) OR DEFICIT (—) ...	—42,840 0 0	+34,457 0 0	+22,297 0 0	+9,428 0 0

No. 61.—(FOREST YEAR)—[*Prescribed*].—(Concld.)

Chanda Division.	Chhattisgarh Division.	Chhindwara Division.	Nagpur-Wardha Division.	Sambalpur Division.	Seoni Division.	Total.
6	7	8	9	10	11	12
Rs. a. p.	Rs. a. p	Rs. a. p	Rs. a. p	Rs. a. p.	Rs. a. p.	Rs. a. p.
747 0 0	376 0 0	237 0 0	930 0 0	62 0 0	10 0 0	3,196 0 0
...	...	..	...	...	...	...
458 0 0	10,053 0 0	...	6,806 0 0	14 0 0	4,654 0 0	33,559 0 0
...	...	...	...	...	...	335 0 0
167 0 0	312 0 0	...	...	2 0 0	99 0 0	910 0 0
15,128 0 0	2,456 0 0	491 0 0	2,485 0 0	735 0 0	2,660 0 0	32,562 0 0
893 0 0	63 0 0	...	6 0 0	98 0 0	331 0 0	1,515 0 0
17,393 0 0	13,260 0 0	728 0 0	10,227 0 0	911 0 0	7,754 0 0	72,077 0 0
23 0 0	...	3,700 0 0	3,388 0 0	1,337 0 0	..	11,678 0 0
...	...	...	...	...	3 0 0	24 0 0
151 0 0	35 0 0	8 0 0	50 0 0	...	...	3,173 0 0
174 0 0	35 0 0	3,708 0 0	3,438 0 0	1,337 0 0	3 0 0	14,875 0 0
42,500 0 0	31,922 0 0	12,166 0 0	23,754 0 0	6,088 0 0	15,148 0 0	1,98,617 0 0
...	...	...	...	...	...	16,480 0 0
8,000 0 0	4,200 0 0	3,474 0 0	10,668 0 0	3,600 0 0	8,860 0 0	61,167 0 0
30,302 0 0	10,447 0 0	7,975 0 0	17,306 0 0	3,948 0 0	10,692 0 0	101,492 0 0
5,279 0 0	1,651 0 0	1,214 0 0	2,259 0 0	1,065 0 0	1,692 0 0	22,208 0 0
316 0 0	...	270 0 0	...	...	...	1,902 0 0
546 0 0	...	413 0 0	701 0 0	...	1,095 0 0	6,464 0 0
44,443 0 0	16,298 0 0	13,346 0 0	30,934 0 0	8,613 0 0	22,339 0 0	2,09,713 0 0
...	..	...	...	...	...	761 0 0
1,369 0 0	748 0 0	165 0 0	1,530 0 0	755 0 0	1,220 0 0	8,884 0 0
2,108 0 0	1,118 0 0	552 0 0	1,112 0 0	355 0 0	1,215 0 0	8,701 0 0
157 0 0	91 0 0	63 0 0	78 0 0	59 0 0	49 0 0	829 0 0
3,634 0 0	1,957 0 0	780 0 0	2,720 0 0	1,169 0 0	2,484 0 0	19,175 0 0
59 0 0	24 0 0	14 0 0	53 0 0	15 0 0	13 0 0	289 0 0
767 0 0	428 0 0	448 0 0	738 0 0	147 0 0	424 0 0	4,667 0 0
...	12 0 0	...	2 0 0	...	...	32 0 0
...	...	..	...	...	...	...
575 0 0	475 0 0	163 0 0	395 0 0	102 0 0	155 0 0	2,749 0 0
3,057 0 0	257 0 0	307 0 0	1,120 0 0	320 0 0	173 0 0	8,860 0 0
4,458 0 0	1,196 0 0	932 0 0	2,308 0 0	584 0 0	765 0 0	16,597 0 0
52,535 0 0	19,451 0 0	15,058 0 0	35,962 0 0	10,366 0 0	25,588 0 0	2,45,485 0 0
95,035 0 0	51,373 0 0	27,224 0 0	59,716 0 0	16,454 0 0	40,736 0 0	4,44,102 0 0
+28,458 0 0	+26,578 0 0	+10,187 0 0	—659 0 0	+5,742 0 0	+23,287 0 0	+1,16,935 0 0

I. C. BOSE,
Assistant Comptroller-General, Forest.

ANNUAL FORM

FOREST DEPARTMENT, NORTHERN

Summary of Revenue of the different

Budget heads.	Direction.	Betul Division.	Damoh Division.	Hoshangabad Division.
1	2	3	4	5
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
RECEIPTS.				
I.—Timber and other produce removed from the forests by Government agency—				
a.—Timber	...	11 0 0	16 0 0	...
b.—Firewood and charcoal ...	...	...	227 0 0	...
c.—Bamboos	...	...	...	...
d.—Sandal-wood	...		..	...
e.—Grass and other minor produce ...	...	—16 0 0	..	4 0 0
Total ...	...	—5 0 0	243 0 0	4 0 0
II.—Timber and other produce removed from the forests by consumers or purchasers—	...	44,047 0 0	34,491 0 0	60,401 0 0
a.—Timber	...	968 0 0	814 0 0	23,417 0 0
b.—Firewood and charcoal ...	...	129 0 0	165 0 0	102 0 0
c.—Bamboos	...	2,597 0 0	22 0 0	22 0 0
d.—Grazing and fodder grass ...	...	3,376 0 0	232 0 0	4,130 0 0
e.—Other minor produce	...	7,464 0 0	5,274 0 0	2,523 0 0
	...	8,968 0 0	914 0 0	14,064 0 0
	...	54 0 0	...	...
Total ...	...	67,603 0 0	41,912 0 0	1,04,659 0 0
III.—Drift and waif wood and confiscated forest produce ...	...	9 0 0	...	421 0 0
Total ...	...	9 0 0	...	421 0 0
IV.—Revenue from forests not managed by Government—				
a.—Duty on foreign timber and other forest produce	..	...	...	...
b.—Revenue from shared and private forest	...	...	...	...
Total ...	...	...	...	...
V.—Miscellaneous—				
a.—Fines and forfeitures	...	...	...	...
b.—Refunds	721 0 0	...	1 0 0	28 0 0
c.—Other sources	...	223 0 0	825 0 0	4,909 0 0
Total ...	721 0 0	223 0 0	826 0 0	4,937 0 0
TOTAL RECEIPTS ...	721 0 0	67,830 0 0	42,981 0 0	1,10,021 0 0

No. 61.—[*Prescribed.*]

CIRCLE, CENTRAL PROVINCES.

Divisions for the Forest year 1893-94.

Jubbulpore Division.	Mandla Division.	Narsinghpur Division.	Nimar Division.	Saugor Division.	Total.	Grand Total for C. P.
6	7	8	9	10	11	12
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
46 0 0	115 0 0	...	...	1,703 0 0	1,891 0 0	19,700 0 0
800 0 0	419 0 0	...	...	480 0 0	1,926 0 0	8,114 0 0
—59 0 0	230 0 0	...	...	6 0 0	177 0 0	1,785 0 0
...	...	...	..	...	...	...
352 0 0	534 0 0	...	...	108 0 0	982 0 0	2,857 0 0
1,139 0 0	1,298 0 0	...	...	2,297 0 0	4,976 0 0	32,456 0 0
33,619 0 0	33,910 0 0	12,168 0 0	57,915 0 0	44,336 0 0	3,20,887 0 0	6,64,570 0 0
748 0 0	382 0 0	356 0 0	—9 0 0	749 0 0	27,425 0 0	39,165 0 0
12,105 0 0	238 0 0	199 0 0	514 0 0	1,114 0 0	14,566 0 0	15,556 0 0
—83 0 0	357 0 0	500 0 0	...	1,887 0 0	5,302 0 0	5,796 0 0
292 0 0	48,467 0 0	317 0 0	...	1,063 0 0	57,877 0 0	99,293 0 0
3,129 0 0	1,414 0 0	2,459 0 0	1,030 0 0	3,085 0 0	26,378 0 0	88,667 0 0
5,774 0 0	2,370 0 0	2,624 0 0	20,002 0 0	2,673 0 0	57,389 0 0	1,18,336 0 0
104 0 0	...	..	...	.	158 0 0	296 0 0
55,688 0 0	87,138 0 0	18,623 0 0	79,452 0 0	54,907 0 0	5,09,982 0 0	10,31,679 0 0
231 0 0	189 0 0	268 0 0	363 0 0	...	1,481 0 0	3,428 0 0
231 0 0	189 0 0	268 0 0	363 0 0	...	1,481 0 0	3,428 0 0
...	...	...	...	...	...	
...	...	...	...	...	...	...
						...
...	..	...	...	...	...	...
95 0 0	...	7 0 0	...	...	102 0 0	261 0 0
129 0 0	48 0 0	...	20 0 0	...	947 0 0	1,406 0 0
421 0 0	4,738 0 0	833 0 0	319 0 0	1,825 0 0	14,093 0 0	23,388 0 0
645 0 0	4,786 0 0	840 0 0	339 0 0	1,825 0 0	15,142 0 0	25,055 0 0
57,703 0 0	93,411 0 0	19,731 0 0	80,154 0 0	59,029 0 0	5,31,581 0 0	10,92,618 0 0

Budget heads.	Direction.	Betul Division.	Damoh Division.	Hoshangabad Division.
1	2	3	4	5
A.—CONSERVANCY AND WORKS.	R a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
I.—Timber and other produce removed from the forests by Government agency—	...	...	...	...
a.—Timber	...	...	746 0 0	306 0 0
b.—Firewood and charcoal ...	...	...	...	...
c.—Bamboos	...	...	...	...
d.—Sandal-wood	...	...	...	...
e.—Grass and other minor produce ...	178 0 0	...	...	...
Total ...	178 0 0	...	746 0 0	306 0 0
II.—Timber and other produce removed from the the forests by consumers or purchasers ..	156 0 0	10,310 0 0	5,001 0 0	8,777 0 0
Total ...	156 0 0	10,310 0 0	5,001 0 0	8,777 0 0
III.—Drift and waif wood and confiscated forest produce ...	...	...	...	...
Total ...	...	...	...	...
IV.—Revenue from forests not managed by Government—				
a.—Duty on foreign timber and other forest produce ...	...	...	...	...
b.—Revenue from shared and private forests	...	...	...	...
Total ...	...	...	...	...
V.—Rent of leased forests and payments to shareholders in forests managed by Government	...	...	...	...
Total ...	...	...	...	...
VI.—Live stock, stores, tools and plant—				
a.—Purchase of cattle	1,400 0 0	...	...	...
b.—Feed and keep of cattle ...	1,342 0 0	...	...	...
c.—Purchase of stores, tools and plant ...	1,521 0 0	479 0 0	358 0 0	515 0 0
Total ...	4,263 0 0	479 0 0	358 0 0	515 0 0
VII.—Communications and buildings—				
a.—Roads and bridges	...	1,108 0 0	...	324 0 0
b.—Buildings	...	505 0 0	42 0 0	517 0 0
c.—Other works	...	80 0 0	...	30 0 0
Total ...	...	1,693 0 0	42 0 0	871 0 0
VIII.—Organization, improvement and extension of forests—				
a.—Demarcation	...	69 0 0	610 0 0	6 0 0
b.—Cost of settlements, compensation for land and rights	...	...	...	...
c.—Surveys	...	379 0 0	...	...
d.—Working-plans .. .	1,221 0 0	463 0 0	874 0 0	325 0 0
e.—Sowing and planting	...	56 0 0	276 0 0	...
f.—Protection from fire	...	4,682 0 0	470 0 0	4,242 0 0
g.—Other works	...	32 0 0	2 0 0	...
Total ...	1,221 0 0	5,681 0 0	2,232 0 0	4,573 0 0
IX.—Miscellaneous—				
a.—Refunds	...	368 0 0	...	...
b.—Law charges	...	...	...	1 0 0
c.—Other charges	248 0 0	1 0 0	24 0 0	43 0 0
Total ...	248 0 0	369 0 0	24 0 0	44 0 0
TOTAL A.—CONSERVANCY AND WORKS ...	6,066 0 0	18,532 0 0	8,403 0 0	15,086 0 0

No. 61.—[*Prescribed*].—(Contd).

Jubbulpore Division.	Mandla Division.	Narsinghpur Division.	Nimar Division.	Sangor. Division	Total	Grand Total for C P
6	7	8	9	10	11	12
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
...	2,979 0 0	..	...	521 0 0	3,500 0 0	3,500 0 0
57 0 0	56 0 0	220 0 0	1,144 0 0	5 0 0	2,534 0 0	24,961 0 0
...	...	...	..	...	...	8,545 0 0
...	143 0 0	..	...	...	143 0 0	1,027 0 0
...	...	..	...	...	...	—1 0 0
90 0 0	19,996 0 0	...	...	...	20,264 0 0	22,540 0 0
147 0 0	23,174 0 0	220 0 0	1,144 0 0	526 0 0	26,441 0 0	60,573 0 0
11,739 0 0	10,132 0 0	1,748 0 0	10,136 0 0	7,688 0 0	65,687 0 0	1,28 296 0 0
11,739 0 0	10,132 0 0	1,748 0 0	10,136 0 0	7,688 0 0	65,687 0 0	1,28,296 0 0
18 0 0	57 0 0	...	...	...	75 0 0	83 0 0
18 0 0	57 0 0	..	...	...	75 0 0	83 0 0
...	...	...	...	...	..	...
...	...	...	...	...	...	...
...	...	..	...	...	...	...
...	...	...	124 0 0	...	124 0 0	124 0 0
...	...	..	124 0 0	...	124 0 0	124 0 0
...	827 0 0	..	.	.	2,227 0 0	2,227 0 0
26 0 0	87 0 0	..	25 0 0	...	1,428 0 0	4,700 0 0
160 0 0	376 0 0	95 0 0	98 0 0	504 0 0	4,106 0 0	7,938 0 0
134 0 0	1,290 0 0	95 0 0	123 0 0	504 0 0	7,761 0 0	14,865 0 0
805 0 0	101 0 0	...		65 0 0	2,403 0 0	5,393 0 0
752 0 0	904 0 0	7 0 0	344 0 0	498 0 0	3,569 0 0	7,941 0 0
80 0 0	5 0 0	...	379 0 0	21 0 0	595 0 0	1,016 0 0
1,637 0 0	1,010 0 0	7 0 0	723 0 0	584 0 0	6,567 0 0	14,380 0 0
708 0 0	2,700 0 0	92 0 0	921 0 0	625 0 0	5,731 0 0	8,927 0 0
...	...	.	..	...	...	...
8,436 0 0	...	8,299 0 0	...	76 0 0	12,190 0 0	45,749 0 0
602 0 0	1,041 0 0	365 0 0	—398 0 0	261 0 0	4,754 0 0	5,089 0 0
73 0 0	152 0 0	47 0 0	24 0 0	299 0 0	927 0 0	1,837 0 0
1,961 0 0	4,648 0 0	544 0 0	6,096 0 0	690 0 0	23,333 0 0	55,895 0 0
10 0 0	77 0 0	. .	114 0 0	204 0 0	439 0 0	1,954 0 0
6,790 0 0	8,618 0 0	9,347 0 0	6,757 0 0	2,155 0 0	47,374 0 0	1,19,451 0 0
355 0 0	111 0 0	...	...	814 0 0	1,648 0 0	13,326 0 0
...	1 0 0	8 0 0	23 0 0	52 0 0	85 0 0	109 0 0
105 0 0	34 0 0	1 0 0	49 0 0	1 0 0	506 0 0	3,679 0 0
460 0 0	146 0 0	9 0 0	72 0 0	867 0 0	2,239 0 0	17,114 0 0
20,925 0 0	44,427 0 0	11,426 0 0	19,079 0 0	12,324 0 0	1,56,268 0 0	3,54,885 0 0

Budget heads.	Direction.	Betul Division.	Damoh Division.	Hoshangabad Division.
1	2	3	4	5
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
B.—ESTABLISHMENTS.				
I.—Salaries—				
a.—Conservators	14,359 0 0	...	...	...
b.—Superior officers	200 0 0	8,448 0 0	1,800 0 0	14,623 0 0
c.—Subordinate forest and depôt establishments	290 0 0	10,785 0 0	10,482 0 0	19,432 0 0
d.—Office establisments	4,827 0 0	1,710 0 0	1,163 0 0	1,915 0 0
e.—Deputation and special allowances ..	2,805 0 0	...	...	...
f.—Exchange compensation allowance ...	1,712 0 0	880 0 0	...	1,620 0 0
Total ...	24,193 0 0	21,823 0 0	13,445 0 0	37,590 0 0
II.—Travelling allowances—				
a.—Conservators	1,018 0 0	...	...	...
b.—Superior officers	350 0 0	1,027 0 0	154 0 0	1,050 0 0
c.—Subordinate forest and depôt establishments	34 0 0	1,123 0 0	529 0 0	715 0 0
d.—Office establishments	201 0 0	160 0 0	62 0 0	39 0 0
Total ..	1,603 0 0	2,310 0 0	745 0 0	1,804 0 0
III.—Contingencies—				
a.—Stationery	..	77 0 0	11 0 0	81 0 0
b.—Carriage of tents and records ...	543 0 0	576 0 0	551 0 0	667 0 0
c.—Rents, rates and taxes .	...	...	...	14 0 0
d.—Pay of police guards	...	...	...	...
e.—Official postage	377 0 0	253 0 0	197 0 0	292 0 0
f.—Sundries	991 0 0	1,386 0 0	765 0 0	537 0 0
Total ...	1,911 0 0	2,292 0 0	1,454 0 0	1,601 0 0
TOTAL B.—ESTABLISHMENTS ...	27,707 0 0	26,425 0 0	15,644 0 0	40,995 0 0
GRAND TOTAL OF EXPENDITURE FOR NORTHERN CIRCLE.	33,773 0 0	44,957 0 0	24,047 0 0	56,081 0 0
SURPLUS (+) OR DEFICIT (—) ...	—33,052 0 0	+22,873 0 0	+18,934 0 0	+53,940 0 0

No. 61—[*Prescribed*].—(Concld.)

Jubbulpore Division	Mandla Division	Narsinghpur Division	Nimar Division	Saugor Division	Total	Grand Total
6	7	8	9	10	11	12
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
	...	...	...	..	14,359 0 0	30,839 0 0
7,337 0 0	10,050 0 0	9,000 0 0	9,350 0 0	9,812 0 0	70,620 0 0	1,31,787 0 0
9,819 0 0	13,020 0 0	4,378 0 0	17,060 0 0	10,586 0 0	95,852 0 0	1,97,344 0 0
1,728 0 0	2,032 0 0	954 0 0	2,290 0 0	1,688 0 0	18,307 0 0	40,515 0 0
..	2 0 0	4 0 0	7 0 0	...	2,804 0 0	4,706 0 0
909 0 0	736 0 0	1,110 0 0	..	1,761 0 0	8,728 0 0	15,192 0 0
19,793 0 0	25,840 0 0	15,446 0 0	28,693 0 0	23,847 0 0	2,10,670 0 0	4,20,383 0 0
...	...	.	...	...	1,018 0 0	1,779 0 0
1,581 0 0	929 0 0	427 0 0	569 0 0	1,368 0 0	7,455 0 0	16,339 0 0
880 0 0	882 0 0	569 0 0	874 0 0	652 0 0	6,258 0 0	14,959 0 0
187 0 0	117 0 0	19 0 0	165 0 0	19 0 0	1,041 0 0	1,870 0 0
2,648 0 0	1,928 0 0	1,015 0 0	1,608 0 0	2,111 0 0	15,772 0 0	34,947 0 0
22 0 0	14 0 0	4 0 0	106 0 0	12 0 0	327 0 0	616 0 0
734 0 0	703 0 0	519 0 0	720 0 0	512 0 0	5,535 0 0	10,202 0 0
...	...	...	..	138 0 0	152 0 0	184 0 0
...	...	..	..	.	.	.
264 0 0	106 0 0	94 0 0	354 0 0	590 0 0	2,457 0 0	5,206 0 0
203 0 0	926 0 0	425 0 0	612 0 0	982 0 0	6,827 0 0	15,687 0 0
1,223 0 0	1,749 0 0	1,042 0 0	1,792 0 0	2,234 0 0	15,298 0 0	31,895 0 0
23,664 0 0	29,517 0 0	17,503 0 0	32,093 0 0	28,192 0 0	2,41,740 0 0	4,87,225 0 0
44,589 0 0	73,944 0 0	28,929 0 0	51,172 0 0	40,516 0 0	3,98,008 0 0	8,42,110 0 0
+13,114 0 0	+19,467 0 0	—9,198 0 0	+28,982 0 0	+18,513 0 0	+1,33,573 0 0	+2,50,508 0 0

ANNUAL FORM No. 62.—[*Prescribed.*]

FOREST DEPARTMENT, SOUTHERN CIRCLE, CENTRAL PROVINCES.

Account Current for the Forest year 1893-94.

	Rs. a. p.	Rs. a. p.
To Cash Balance	.....	107 10 7
„ VIII.—Assessed Taxes—		
Income Tax—Deductions from salaries ..	.....	2,677 14 6
„ Revenue as per Annual Summary, Form No. 61 ...	.....	5,61,036 11 6
„ Service Funds—		
Civil Fund—Ordinary, Bengal ...	.....	.....
Do. Additional, Bengal ...	.....	.....
Military Fund—Bengal	.....	.....
„ „ Madras	457 15 6	.....
„ Orphan Fund—Bengal ...	.....	.....
Uncovenanted Service Family Pension Fund, Bengal	431 12 10	.....
„ „ „ „ Bombay.	31 14 9	.....
General Family Pension Fund ...	... ..	.....
Hindu Family Annuity Fund... ...	.....	.....
		921 11 1
„ Deposits	.....	.....
„ Forest Cash Remittances—Local—		
Forest cheques drawn	3,98,719 4 1	.....
Inter-Divisional Transfers	942 2 1	.....
		3,99,661 6 2
„ Advances recoverable...	.....	3,75,271 5 11
„ Suspense	.....	401 1 9
„ Account Current (other Governments)—		
Remittances from Government of India ...	34,765 9 5	.....
Do. do. Bengal ...	12 0 0	.....
Do. do. Bombay ...	700 0 0	.....
		35,477 9 5
„ Inter-Departmental Transfers—		
Public Works Department, Ordinary Branches	155 8 0	... ..
Military Department	.....	... ..
Civil Department—		
Rs. a. p.		
Civil Department India ... 63 5 1	.....	.....
Jail ... 10,541 0 11	.....	.....
Survey of India Department 199 9 0	.. ...	.....
Miscellaneous... ... 54 1 4	10,858 0 4	
		11,013 8 4
„ XII.—Interest, Miscellaneous ..	... ..	77 9 3
TOTAL FOR SOUTHERN CIRCLE ..	.....	13,86,646 8 6

	Rs. a. p.	Rs. a. p.
By Expenditure as per Annual Summary, Form No. 61	...	4,44,102 7 0
„ Deposits	...	3,357 10 3
„ Forest Cash Remittances—Local—		
Remittances to Treasuries	5,59,319 6 1	
Inter-Divisional Transfers	2,145 4 1	
		5,61,464 10 2
„ Advances Recoverable	...	3,50,959 7 2
„ Suspense	.	322 8 3
„ Account Current (other Governments)—		
Remittances to the Government of India ..	...	19,617 2 1
„ Inter-Departmental Transfers—		
Public Works Department, State Railways.	6,420 12 5	...
Do. do. Ordinary Branches	322 3 2	...
Military Department	...	...
Civil Department	...	...
Rs. a. p.		
Jail 68 0 0		
Miscellaneous ... 17 1 4		
	85 1 4	
		6,823 0 11
„ Cash Balance	...	1 10 8
TOTAL FOR SOUTHERN CIRCLE ..	...	13,86,646 8 6

ANNUAL FORM No. 62.—[*Prescribed.*]

FOREST DEPARTMENT, NORTHERN CIRCLE, CENTRAL PROVINCES.

Account Current for the Forest year 1893-94.

	Rs. a. p.	Rs. a. p.		Rs. a. p.	Rs. a. p.
To Cash Balance	.....	8 3 11	By Expenditure as per Annual Summary, Form No 61	.....	3,98,007 11 6
„ VIII —Assessed Taxes—					
Income Tax—Deductions from salaries ...	.....	2,755 14 0	„ Deposits	.....	792 0 0
„ Revenue as per Annual Summary, Form No. 61 ...	.....	5,31,580 12 1			
„ Service Funds—					
Civil Fund—Ordinary, Bengal ...	.....	.....	„ Forest Cash Remittances—Local—		
„ „ Additional, Bengal ...	.....	.....			
Military Fund Bengal	.....	.....	Remittances to Treasuries... ..	5,22,823 6 4	
„ „ Madras	.....	.....			
„ Orphan Fund, Bengal	.....	.....	Inter-Divisional Transfers... ..	2,993 4 6	
Uncovenanted Service Family Pension Fund, Bengal . ..	1,662 8 0	.....			5,25,816 10 10
Uncovenanted Service Family Pension Fund, Bombay	351 2 3	.....	„ Advances recoverable	.....	2,89,331 9 1
General Family Pension Fund ..	241 8 0	.....			
Hindu Family Annuity Fund ...	.....	.....	„ Suspense	.....	8,209 12 10
		2,255 2 3			
„ Deposits	.....	792 0 0	„ Account Current (other Governments)—		
„ Forest Cash Remittances—Local—					
Forest cheques drawn	3,80,788 12 2	.....	Remittances to the Government of India ..	7,302 5 3	
Inter-Divisional Transfers... ...	4,307 15 5	.....			
		3,85,096 11 7	Do. do. Burma ..	717 6 0	
„ Advances recoverable	.....	2,87,214 2 8			
„ Suspense	.....	708 3 3			8,019 11 3
„ Account Current (other Governments)—					
Remittances from Government of India ..	15,460 7 7	.....	„ Inter-Departmental Transfers—		
„ „ „ Burma ...	58 12 0	.....			
„ „ „ North-Western Provinces & Oudh ..	1,239 13 7	.....	Public Works Department... ..	.....	
		16,759 1 2	Military Department, Bengal ..	1,180 0 0	
„ Inter-Departmental Transfers—					
Public Works Department ...	.....	.....	Civil Department	.....	
Military Department	.....	.....			
Civil Department—			Miscellaneous	313 8 6	
Jail	3,746 9 9	.....			
Mathematical Instrument Department ..	278 13 0	.....			1,493 8 6
Survey of India	90 8 0	.....			
Miscellaneous	384 14 4	.....	Cash Balance	.....	.....
		4,500 13 1			
TOTAL FOR NORTHERN CIRCLE ..	.....	12,31,671 0 0	TOTAL FOR NORTHERN CIRCLE ..	.....	12,31,671 0 0
GRAND TOTAL FOR C. P. ...		26,18,317 8 6	GRAND TOTAL FOR C. P. ..		26,18,317 8 6

ANNUAL FORM No. 63.—[*Prescribed*].

FOREST DEPARTMENT, SOUTHERN CIRCLE, CENTRAL PROVINCES.

Revenue Received and Outstandings on account of Revenue during the Forest year 1893-94.

Division.	Particulars.	Outstandings at commencement of year.	Value of sales and other revenue during year.	Total.	Amount realised during year.	Balance due to the Department at end of year	Remarks.
1	2	3	4	5	6	7	8
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
Direction ...	Timber and other produce..	...	2,634 3 5	2,634 3 5	2,634 3 5	...	
Balaghat ...	Do. do. ...	...	77,611 10 1	77,611 10 1	77,611 10 1	...	
Bhandara ...	Do. do. ..	4 2 0	68,494 10 3	68,498 12 3	(a) 65,728 12 3	2,770 0 0	(a) Amount actually realised during the year . Rs 65,724 12 3 Do. written off the Bhandara Divisional accounts for November 1893, being irrecoverable Revenue, *vide* Conservator's sanction No. A.-1241, dated 6th December 1893. 4 0 0 Total ... 65,728 12 3
Bilaspur ...	Do. do. ...	2,312 0 0	40,039 15 9	42,351 15 9	41,701 15 9	650 0 0	
Chanda ...	Do. do. ...	2,089 2 0	1,32,152 6 0	1,34,241 8 0	1,23,482 15 2	10,758 8 10	
Chhindwara ...	Do. do. ...	...	36,740 8 3	36,740 8 3	36,740 8 3	...	
Nagpur-Wardha ...	Do. do. ...	1,052 8 0	57,605 1 3	58,657 9 3	58,231 7 0	426 2 3	
Raipur ...	Do. do. ...	...	97,509 8 1	97,509 8 1	80,909 8 1	16,600 0 0	
Sambalpur ...	Do. do. ...	..	22,806 8 8	22,806 8 8	22,799 9 8	6 15 0	
Seoni ...	Do. do. ...	910 0 0	63,803 5 11	64,713 5 11	64,713 5 11	...	
	TOTAL FOR SOUTHERN CIRCLE ...	6,367 12 0	5,99,397 13 8	6,05,765 9 8	5,74,553 15 7	31,211 10 1	

ANNUAL FORM No. 63.—[*Prescribed.*]

FOREST DEPARTMENT, NORTHERN CIRCLE, CENTRAL PROVINCES.

Revenue Received and Outstandings on account of Revenue during the Forest year 1893-94.

Division.	Particulars.	Outstandings at commencement of year.	Value of sales and other revenue during year.	Total	Amount realized during year.	Balance due to the Department at end of year.	Remarks.
1	2	3	4	5	6	7	8
		Rs. a. p.	Rs. a. p.	Rs. a p.	Rs. a. p	Rs. a. p.	
Direction ...	.....	.....	721 0 0	721 0 0	721 0 0	.....	
Mandla ...	.....	65 0 0	93,979 4 6	94,044 4 6	93,411 0 0	633 4 6	
Jubbulpore ...	.....	800 0 0	56,903 0 0	57,703 0 0	57,703 0 0	.....	
Damoh ...	.....	.....	43,330 3 0	43,330 3 0	42,981 0 0	349 3 0	
Saugor ...	.....	.....	59,029 0 0	59,029 0 0	59,029 0 0	.....	
Narsinghpur ...	.....	13 8 0	19,717 8 0	19,731 0 0	19,731 0 0	.....	
Hoshangabad ...	.....	.....	1,10,021 0 0	1,10,021 0 0	1,10,021 0 0	.....	
Betul ...	.....	.....	67,830 0 0	67,830 0 0	67,830 0 0	.....	
Nimar ...	.....	.....	80,154 0 0	80,154 0 0	80,154 0 0	.....	
TOTAL FOR NORTHERN CIRCLE ..		878 8 0	5,31,684 15 6	5,32,563 7 6	5,31,581 0 0	982 7 6	
GRAND TOTAL FOR C. P. ...		7,246 4 0	11,31,082 13 2	11,38,329 1 2	11,06,134 15 7	32,194 1 7	

ANNUAL FORM No. 64.—[*Prescribed.*]

FOREST DEPARTMENT, SOUTHERN CIRCLE, CENTRAL PROVINCES.

Outstandings and Liabilities on account of Contractors and Disbursers for the Forest year 1893-94.

Division.	Department Debtor.			Department Creditor.			Balance due.		Remarks.
	At commencement of year.	Recoveries in cash and value of supplies and work done during the year.	At close of year.	At commencement of year.	Payments made during year.	At close of year.	To Department (Outstandings.)	By Department (Liabilities.)	
1	2	3	4	5	6	7	8	9	10
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs.	
Direction	...	23,616 8 5	23,616 8 5	2,575 1 10	21,497 3 11	24,072 5 9	455 13 4	...	
Balaghat	...	24,863 0 9	24,863 0 9	1,660 4 9	23,636 12 11	25,297 1 8	434 0 11	...	
Bhandara	...	27,880 12 2	27,880 12 2	7,056 7 6	21,585 4 11	28,641 12 5	761 0 3	...	
Bilaspur	..	23,246 4 5	23,246 4 5	6,320 12 6	20,397 7 9	26,718 4 3	3,471 15 10	...	
Chanda	...	1,32,907 6 5	1,32,907 6 5	10,502 10 8	1,27,048 3 5	1,37,550 14 1	4,643 7 8	...	
Chhattisgarh	.	33,620 0 11	33,620 0 11	1,707 3 0	33,727 2 9	35,434 5 6	1,814 4 7	...	
Chhindwara	...	18,034 1 7	18,034 1 7	2,240 4 3	16,458 12 5	18,699 0 8	664 15 1	...	
Nagpur-Wardha ...	...	69,091 7 9	69,091 7 9	5,311 13 8	65,979 10 3	71,291 7 11	2,200 0 2	...	
Sambalpur	...	3,084 2 5	3,084 2 5	1,577 10 10	1,874 9 3	3,452 4 1	368 1 8	...	
Seoni	..	18,927 9 1	18,927 9 1	663 0 8	18,747 3 10	19,410 4 6	482 11 5	...	
TOTAL FOR SOUTHERN CIRCLE ..	...	3,75,271 5 11	3,75,271 5 11	39,615 5 8	3,50,952 7 2	3,90,567 12 10	15,296 6 11	...	

ANNUAL FORM No. 64.—[*Prescribed.*]

FOREST DEPARTMENT, NORTHERN CIRCLE, CENTRAL PROVINCES.

Outstandings and Liabilities on account of Contractors and Disbursers for the Forest year 1893-94.

Division.	Department Debtor.			Department Creditor.			Balance due.		Remarks.
	At commencement of year.	Recoveries in cash and value of supplies and work done during the year.	At close of year.	At commencement of year.	Payments made during the year.	At close of year.	To Department (Outstandings).	By Department (Liabilities)	
1	2	3	4	5	6	7	8	9	10
	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs.	
Direction	...	13,282 11 5	13,282 11 5	223 3 8	13,151 5 8	13,374 9 4	91 13 11	...	
Betul	...	29,573 2 11	29,573 2 11	1,000 11 11	29,481 1 8	30,481 13 7	908 10 8	...	
Damoh	...	15,497 12 6	15,497 12 6	429 10 9	15,409 1 10	15,838 12 7	341 0 1	...	
Hoshangabad	..	45,833 1 9	45,833 1 9	3,114 2 2	43,413 1 4	46,527 3 6	694 1 9	...	
Jubbulpore	...	30,530 2 9	30,530 2 9	1,019 11 9	30,529 6 9	31,549 2 6	1,018 15 9	.	
Mandla	...	74,978 1 6	74,978 1 6	2,949 5 0	81,099 0 4	84,048 5 4	9,070 3 10	...	
Narsinghpur	...	16,638 11 7	16,638 11 7	538 10 11	16,514 1 7	17,052 12 6	414 0 11	...	
Nimar	...	40,187 8 11	40,187 8 11	1,942 7 0	40,637 12 6	42,580 3 6	2,392 10 7	...	
Saugor	...	20,692 13 4	20,692 13 4	3,045 14 0	19,096 9 5	22,142 7 5	1,449 10 1	...	
TOTAL FOR NORTHERN CIRCLE ...	...	2,87,214 2 8	2,87,214 2 8	14,263 13 2	2,89,331 9 1	3,03,595 6 3	16,381 3 7	...	
GRAND TOTAL FOR C. P.	...	6,62,485 8 7	6,62,485 8 7	53,879 2 10	6,40,284 0 3	6,94,163 3 1	31,677 10 6	...	

ANNUAL FORM No. 65.—[*Prescribed.*]

FOREST DEPARTMENT, SOUTHERN CIRCLE, CENTRAL PROVINCES.

Financial results of the Forest year 1893-94.

Division.	Timber and other produce removed from the forests by Government agency.		Other revenue.		Formation, Protection and improvement of forests.	Total.		Remarks.
	Receipts.	Charges.	Receipts.	Charges.	Charges.	Receipts.	Charges.	
1	2	3	4	5	6	7	8	9
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Direction ...	...	...	2,634	3,057	...	2,634	3,057	
Balaghat ...	1,388	6,309	75,677	19,535	22,618	77,065	48,462	
Bhandara ...	3,589	8,096	52,400	15,594	14,255	55,989	37,945	
Bilaspur ...	657	2,918	40,561	18,692	13,311	41,218	34,921	
Chanda ...	12,662	16,406	1,10,831	41,317	46,693	1,23,493	1,04,416	
Chhindwara ...	...	2,689	37,411	15,679	11,698	37,411	30,066	
Nagpur-Wardha ...	7,925	8,530	51,132	29,694	25,977	59,057	64,201	
Raipur ...	1,259	10,856	76,692	23,029	23,410	77,951	57,295	
Sambalpur ...	...	1,333	22,196	9,251	7,556	22,196	18,140	
Seoni ...	...	...	64,023	20,949	24,650	64,023	45,599	
TOTAL FOR SOUTHERN CIRCLE ...	27,480	57,137	5,33,557	1,96,797	1,90,168	5,61,037	4,44,102	

ANNUAL FORM No. 65.—[*Prescribed.*]

FOREST DEPARTMENT, NORTHERN CIRCLE, CENTRAL PROVINCES.

Financial results of the Forest year 1893-94.

Division.	Timber and other produce removed from the forests by Government agency.		Other revenue.		Formation, protection and improvement of forests.	Total.		Remarks.
	Receipts.	Charges.	Receipts.	Charges.	Charges.	Receipts.	Charges.	
1	2	3	4	5	6	7	8	9
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Direction ...	...	678	721	17,143	15,752	721	33,773	
Mandla ...	1,298	23,835	92,113	22,874	27,235	93,411	73,944	
Jubbulpore ...	1,139	670	56,564	21,512	22,407	57,703	44,589	
Damoh ...	243	1,219	42,738	10,440	12,388	42,981	24,047	
Saugor ...	2,297	1,067	56,732	20,299	19,150	59,029	40,516	
Narsinghpur ...	...	476	19,731	9,388	19,065	19,731	28,929	
Hoshangabad ...	4	1,152	1,10,017	24,735	30,194	1,10,021	56,081	
Betul ...	—5	551	67,835	21,460	22,946	67,830	44,957	
Nimar ...	...	1,963	80,154	21,952	27,257	80,154	51,172	
TOTAL FOR NORTHERN CIRCLE ...	4,976	31,811	5,26,605	1,69,803	1,96,394	5,31,581	3,98,008	
GRAND TOTAL FOR C. P. ...	32,456	88,948	10,60,162	3,66,600	3,86,562	10,92,618	8,42,110	

APPENDICES.

SOUTHERN CIRCLE, CENTRAL PROVINCES.

Appendix A.

Statement showing the Results of Departmental Cuttings in the Southern Circle, Central Provinces, during 1893-94.

Name of Range or Working Circle.	Name of Forests worked.	Area cut in acres.	Description of produce obtained in cutting.		Balance of stock on hand on the 1st July 1893.	Cut and collected during the year.	Number sold.	Value realized.	Expenditure incurred in cutting.	Balance of stock on hand on the 1st July 1894.	Remarks.
Balaghat Division.								Rs. a. p.	Rs. a. p.		
Sonawani ...	Mahuljharri ...	40	Firewood	... Tons	...	144	138	98 2 0	145 13 6	6	
			Mayals	... No.	...	20	...	.....		20	
			Siwars	... "	...	3,813	3,027	71 14 0		786	
			Khakri	... Cart-loads	...	125	125	15 10 0		...	
			Total ...		...	...	...	185 10 0			
	Agarwara ...	100	Firewood	... Tons	...	539	453½	142 3 0	372 8 3	85½	
			Mayals	... No.	...	10	...	.....		10	
			Siwars	... "	...	4,718	3,585	98 4 0		113,3	
			Khakri	... Cart-loads	...	150	61½	7 11 3		88½	
			Thunis	... No.	...	482	410	19 4 0		72	
			Firewood	... Cart-loads	.	17	8	2 8 0		9	
			Axles	... No.	...	157	157	1 6 0		...	
			Total ...		..	...	...	271 4 3			
	Jamunia ...	69	Firewood	... Tons	...	320	320	150 5 0	319 0 0	...	
			Siwars	... No.	...	5,081	4,601	108 14 0		480	
			Khakri	... Cart-loads	...	201	61	7 10 0		140	
			Thunis	... No.	...	108	73	6 4 0		35	
			Firewood	... Cart-loads	...	200	96	31 9 0		104	
			Total ...		...	...	...	304 10 0			
	Nagjhar ...	75	Firewood	... Tons.	...	382	382	182 13 0	275 7 3	...	
			Siwars	... No.	...	6,543	6,463	134 0 0		80	
			Khakri	... Cart-loads	..	113	113	14 2 0		...	
			Thunis	... No.	...	841	841	22 14 0		...	
			Firewood	... Cart-loads	...	44	40	12 8 0		4	
			Total ...		...	...	...	366 5 0			

Appendix A.—(*Contd.*)

Name of Range or Working Circle.	Name of Forests worked.	Area cut in acres.	Description of produce obtained in cutting.		Balance of stock on hand on the 1st July 1893.	Cut and collected during the year.	Number sold.	Value realized.	Expenditure incurred in cutting	Balance of stock on hand on the 1st July 1894.	Remarks.
Balaghat Division. —(Contd.)								Rs. a. p	Rs. a. p		
Sonawani—(*Concld.*)	Kermara ...	63	Firewood	... Tons	...	195	191	102 15 0	181 7 3	4	
			Siwars	... No.	...	3,646	1,611	54 0 0		2,005	
			Khakri	... Cart-loads	...	71	62	7 12 3		9	
			Thunis	... No.	...	246	..	.....		246	
			Firewood	... Cart-loads	.	29	6	1 14 0		23	
			Karka	... "	...	25	6	3 12 0		19	
			Dharan	... No.	...	19	2	2 8 0		17	
			Total	...	...	...	...	172 13 3			
	Bichwa (Karimati).	90	Firewood	.. Tons	..	208	208	145 5 0	190 2 0	...	
			Mayals	... No.	...	7	2	2 8 0		5	
			Siwars	... "	...	8,998	6,947	148 6 0		2,051	
			Khakri	... Cart-loads	...	130	129	16 2 0		1	
			Total	...	...	...	.	312 5 0			
	Garaghat (Piparia)	40	Firewood	... Tons	...	166	166	81 14 0	163 5 6	..	
			Siwars	.. No.	...	4,398	4,138	60 8 0		260	
			Khakri	... Cart-loads	...	122	74	9 4 0		48	
			Firewood	... "	...	20	18	5 10 0		2	
			Total	...	...	...	...	157 4 0			
	Katangjhari ...	40	Firewood	... Tons	...	159	159	96 9 0	169 1 0	...	
			Siwars	... No.	...	3,241	2,963	131 8 0		278	
			Khakri	... Cart-loads	...	121	121	15 2 0		...	
			Thunis	... No.	..	433	57	3 14 0		376	
			Firewood	... Cart-loads	...	35	35	10 15 0		...	
			Karka	... "	..	1	1	0 8 0		...	
			Dharan	... No.	...	58	9	1 6 0		49	
			Total	..	...	.	...	259 14 0			

Dhansua ...	Oda ...	43	Firewood	...	Tons	...	80	80	50	4	0	75	7	0	...
			Mayals	...	No.	...	4	4	4	0	0				...
			Siwars	...	„	...	605	525	31	0	0				80
			Khakri	...	Cart-loads	...	26	26	3	4	0				...
			Thunis	...	No.	...	71	55	4	14	0				18
			Dharan	...	„	...	11	6	3	0	0				5
				Total		...	...	...	96	6	0				
	Servi ...	88	Firewood	...	Tons	...	542	542	388	6	6	245	12	4	...
			Mayals	...	No.	...	8	5	1	6	0				5
			Siwars	...	„	...	2,000	1,085	60	0	0				915
			Kakri	...	Cart-loads	...	215	215	26	14	0				...
			Thunis	...	No.	...	311	36	2	8	0				275
			Munde	...	„	...	54	24	5	0	0				30
			Dharan	...	„	...	79	27	2	8	0				52
				Total		...	...	...	486	10	6				
	Mugardarra ...	33	Firewood	...	Tons	...	134	131	84	6	0	135	9	10	3
			Mayals	...	No.	...	51	36	28	8	0				15
			Siwars	...	„	...	1,721	1,641	30	0	0				80
			Khakri	...	Cart-loads	...	43	43	5	6	0				...
				Total		...	...	...	148	4	0				
	Nahara Valley (Manpur).	63	Firewood	...	Tons	...	202½	190½	128	8	0	103	0	0	12
			Mayals	...	No.	...	7	...	...						7
			Siwars	...	„	...	1,220	280	9	10	0				940
			Khakri	...	Cart-loads	...	67	67	8	6	0				...
			Thunis	...	No.	...	150	...	...						150
			Munde	...	„	...	24	10	5	0	0				14
				Total		...	...	...	151	8	0				
	Batkari ...	110	Firewood	...	Tons	...	166½	137	85	10	0	267	2	6	29½
			Building wood	...	Cart-loads	...	180	41	19	10	0				131
			Karka	...	„	...	12	2	0	8	0				10
				Total		...	...	...	105	12	0				
	Sirri, Pipalgaon and Kasitola.	110	Firewood	...	Tons	...	206½	206½	129	1	0	169	4	6	...
			Building wood	...	Cart-loads	...	91	31	52	4	0				6
				Total		...	...	...	181	5	0				

Appendix A.—(*Contd.*)

Name of Range or Working Circle	Name of Forests worked	Area cut in acres	Description of produce obtained in cutting	Balance of stock on hand on the 1st July 1893	Cut and collected during the year.	Number sold	Value realized.	Expenditure incurred in cutting	Balance of stock on hand on the 1st July 1894.	Remarks
Balaghat Division. —(Concld.)							Rs. a. p.	Rs. a. p		
Dhansua Range —(*Concld.*)	Railipaili, Joonawani and Bodaldalkha.	10	Firewood ... Tons	.	40½	40½	25 5 0	10 0 0	19	
			Building wood ... Cart-loads	...	20	1	1 6 0			
			Total ..	...	...	...	26 11 0	..		
Bhandara Division.			TOTAL BALAGHAT DIVISION ...	..	...		3,226 10 0	2,823 0 11		
Lakhni Circle, Gaikhuri Range.	Dormajhari ...	371		14	19	12	195 4 9		21	
			Teak golas ... No.	67	773	772			68	
			Teak rafters .. "	43	8	49		36 15 0	2	
			Golas, other than teak ... "	1,436	6,271	7,301	331 4 9		..	
			Poles, do. do. .. "	22		22			...	
			Mowha trees ... "	219	3,660	3,879	*2,125 9 6	686 4 0	...	* Outstanding Rs. 695-8-0, value of 1,319 stacks.
			Firewood ... Stacks	...	3	3			...	
	Kursipar ...	322	Fuel ... Head-loads	97	1,251	1,224	168 7 3		124	
			Teak rafters ... No.	8	5	1	216 7 9	33 11 3	12	
			Golas, other than teak . "	994	5,085	4,829			1,250	
			Poles, do. do. .. "	307	3,399	3,706	†1,963 12 0	637 5 0	...	† Outstanding Rs. 910, value of 1,820 stacks.
	Magardhokda ...	341	Firewood ... Stacks	3	3	6	14 12 0	62 8 6	...	
			Golas, other than teak ... No.	926	11,922	11,152	603 7 9		1,696	
			Poles, do. do. ... "	703½	3,314	3,886	‡2,080 2 0	621 6 0	131½	‡Outstanding Rs. 894-8-0, value of 1,789 stacks.
Powni ...	Khaksi ...	59	Firewood .. Stacks	14	...	.	.....	.....	14	
			Golas, other than teak . No.	14	1,484	350	33 2 0	11 13 0	1,148	
			Poles, do. do. ... "	72	878	339	206 14 0	164 10 0	611	
	Dhanori ...	117	Firewood ... Stacks	240	3,546	1,475	81 15 9	19 14 0	2,311	
			Poles, other than teak ... No.	38	432	372	222 8 0	81 0 0	98	
	Bhuyar ...	85	Firewood ... Stacks	125	2,305	2,051	90 13 6	14 8 6	379	
			Poles, other than teak ... No.	182	435	442	276 4 0	81 9 0	175	
	Seonara ...	116	Firewood ... Stacks	47	...	1	1 3 6	... .	46	
			Golas, other than teak ... No.	525	2,678	928	64 8 9	21 8 3	2,475	
			Poles, do. do. ... "	203	948	108	67 8 0	177 12 0	1,043	
Bawanthari ...	Sitisaongi ...	96	Firewood ... Stacks	...	526	450	9 13 0	2 13 0	76	
			Poles, other than teak ... No.	...	536	500	313 10 0	103 10 0	36	
			Firewood ... Stacks							

	Goreghat ...	93	Poles, other than teak	...	No.	...	642	274	18	7	3	3	5	4	368
			Firewood	...	Stacks	...	367	38	23	12	0	68	13	0	329
	Chicklee ...	102	Poles, other than teak	...	No.	...	375	191	6	15	0	1	14	0	184
			Firewood	...	Stacks	...	412	121	75	10	0	77	4	0	291
	Magurli ...	70	Do.	...	,,	...	226½	55	34	6	0	42	1	0	171½
	Gurrabori ...	64	Poles, other than teak	...	No.	...	772	725	16	14	3	4	1	6	47
			Mowha trees	...	,,	...	5	...	.....						5
			Firewood	...	Stacks	...	621	547	361	7	0	138	2	0	74
Partabgarh ...	Dewalgaon ...	166	Teak poles	...	No.	...	13	...	.....			17	8	0	13
			Poles, other than teak	...	,,	...	2,740	1,082	53	7	3				1,666
			Firewood	..	Stacks	...	1,192	1,192	745	0	0	223	8	0	...
	Pipalgaon ...	134	Poles, other than teak	...	No.	...	438	...	.....			2	3	0	438
			Firewood	...	Stacks	...	573	224	134	6	0	107	7	0	349
	Sangarhi ...	377	Teak poles	...	No.	...	743	743	100	6	0	16	13	3	...
			Poles, other than teak	...	,,	...	2,382	2,256	88	0	6				126
			Mowha wood	...	,,	...	50	1	0	11	0				49
			Firewood	...	Stacks	...	2,200	739	461	14	0	412	8	0	1,461
	Nilaj ...	32	Poles, other than teak	...	No.	...	260	11	1	5	3	1	8	8	249
			Firewood	...	Stacks	...	322	63	39	6	0	60	6	0	259
	Puyar ...	64	Poles, other than teak	...	No.	...	...	...	.....			.....			...
			Firewood	...	Stacks	...	271	91	50	10	0	50	13	0	180
	Kelod ...	25	Poles, other than teak	...	No.	...	224	50	3	6	0	1	6	9	174
			Firewood	...	Stacks	...	158	16	10	0	0	29	10	0	142
			TOTAL BHANDARA DIVISION			...			11,303	7	9	4,016	8	0	
Bilaspur Division.															
Lormi Range ...	Salgi ...	200	Timber poles—												
			Class I	10′ × 9″	No.	..	...	...	.....			.....			...
				12′ × 12″	,,	...	...	...	.....			.....			...
				16′ × 18″	,,	...	...	...	.....			.....			...
				20′ × 24″	,,	...	...	...	.....			.....			...
			Class II	10′ × 9″	,,	...	50	...	.....			.....			50
				12′ × 12″	,,	...	50	...	.....			.....			50
				16′ × 18″	,,	...	25	...	.....			.....			25
				20′ × 24″	,,	...	25	...	.....			.....			25
			Class III	10′ × 9″	,,	...	50	...	.....			.....			50
				12′ × 12″	,,	...	50	...	.....			.....			50
				16′ × 18″	,,	...	25	...	.....			.....			25
				20′ × 24″	,,	...	25	...	.....			.....			25
			Firewood ...		Sacks	...	10	...	.....			15	3	0	10

Appendix A.—(*Contd.*)

Name of Range or Working Circle.	Name of Forests worked.	Area cut in acres.	Description of produce obtained in cutting.	Balance of stock on hand on the 1st July 1893.	Cut and collected during the year.	Number sold.	Value realized.	Expenditure incurred in cutting.	Balance of stock on hand on the 1st July 1894.	Remarks.
Bilaspur Division—(Contd).							Rs. a. p.	Rs. a. p.		
Lormi Range—(*Concld.*)	Surhee ...	200	Timber poles—							
			Class I ... 10′ × 9″ No.	..	...	...	.....	.....	...	
			12′ × 12″ „	...	...	...	.....	.....	...	
			16′ × 18″ „	...	...	...	.....	.....	...	
			20′ × 24″ „	...	...	...	.....	.....	...	
			Class II ... 10′ × 9″ „	...	50	...	.....	.....	50	
			12′ × 12″ „	...	50	...	.....	.....	50	
			16′ × 18″ „	...	25	...	.....	.....	25	
			20′ × 24″ „	...	25	...	.....	.....	25	
			Class III ... 10′ × 9″ „	...	50	...	.....	.....	50	
			12′ × 12″ „	..	50	...	.....	.....	50	
			16′ × 18″ „	...	...	...	.....	.....	...	
			20′ × 24″ „	...	..	...	.....	.....	...	
	Deosara ..	200	Firewood ... Stacks		15	...	.....	17 5 0	...	
			Timber poles—							
			Class I ... 10′ × 9″ No.	...	...	...	.....	.....	...	
			12′ × 12″ „	...	..	...	.....	.....	...	
			16′ × 18″ „	...	...	...	.....	.....	...	
			20′ × 24″ „	...	...	...	.....	.....	...	
			Class II ... 10′ × 9″ „	...	50	...	.....	.....	50	
			12′ × 12″ „	...	50	...	.....	.....	50	
			16′ × 18″ „	...	...	..	.....	.....	...	
			20′ × 24″ „	...	...	...	.....	.....	...	
			Class III ... 10′ × 9″ „	...	50	...	.....	.....	50	
			12′ × 12″ „	...	50	...	.....	.....	50	
			16′ × 18 „	...	...	...	.....	.....	...	
			20′ × 24″ „	...	...	...	.....	.....	...	
			Firewood ... Stacks	...	20	...	.....	20 8 0	20	
	Gabigat ...	200	Timber poles—							
			Class I ... 10′ × 9″ No.	...	...	...	.....	.....	...	
			12′ × 12″ „	...	...	...	.....	.....	...	
			16′ × 18″ „	...	...	...	.....	.....	...	
			20′ × 24″ „	...	...	...	.....	.....	...	

				Class II	10' × 9"	No.	...	...	...	.....	.....	...
					12' × 12"	„	...	...	...	.....	.....	...
					16' × 18"	„	...	...	...	.....	.....	...
					20' × 24"	„	...	...	...	.....	.....	...
				Class III	10' × 9"	„	...	...	...	.....	.....	...
					12' × 12"	„	...	...	...	.....	.....	...
					16' × 18"	„	...	...	...	.....	.....	...
					20' × 24"	„	...	...	...	.....	.....	...
				Firewood		Stacks	...	14	...	.....	49 8 0	14
	Surhia	...	300	Timber poles—								
				Class I	10' × 9"	No.	...	...	...	.....	.....	...
					12' × 12"	„	...	...	...	.....	.....	...
					16' × 18"	„	...	...	...	.....	.....	...
					20' × 24"	„	...	...	...	.....	.....	...
				Class II	10' × 9"	„	...	50	...	.....	.....	50
					12' × 12"	„	...	50	...	.....	.....	50
					16' × 18"	„	...	25	...	.....	.....	25
					20' × 24"	„	...	25	...	.....	.....	25
				Class III	10' × 9"	„	...	...	...	.....	.....	...
					12' × 12"	„	...	...	...	.....	.....	...
					16' × 18"	„	...	...	...	.....	.....	...
					20' × 24"	„	...	...	...	.....	.....	...
				Firewood		Stacks	...	23	...	.....	23 4 0	23
Kuajati Pantora Range.	Katra	...	300	Timber poles—								...
				Class I	10' × 9"	No.	...	...	...	.....	.....	
					12' × 12"	„	...	...	...	.....	.....	...
					16' × 18"	„	...	...	...	.....	.....	...
					20' × 24"	„	...	...	...	.....	.....	...
				Class II	10' × 9"	„	...	25	...	.....	.....	25
					12' × 12"	„	..	330	...	.....	.....	330
					16' × 18"	„	...	151	...	.....	.....	151
					20' × 24"	„	...	100	...	.....	.....	100
				Class III	10' × 9"	„	...	...	...	.....	.....	...
					12' × 12"	„	...	50	..	.....	.....	50
					16' × 16"	„	...	...	...	.....	.....	...
					20' × 24"	„	...	...	...	.....	.....	...
				Timber logs of mixed sizes		„	...	33	...	.....	.....	33
				Firewood		Stacks	...	364	...	.....	219 4 3	364
	Amakola	...	300	Timber poles—								
				Class I	10' × 9"	No.	...	11	...	.....	.....	11
					12' × 12"	„	...	67	...	.....	.....	67
					16' × 18"	„	...	96	...	.....	.....	96
					20' × 24"	„	...	119	...	.....	.....	119
				Class II	10' × 9"	„	...	20	...	.....	.....	20
					12' × 12"	„	...	212	...	.....	.....	212
					16' × 18"	„	...	287	...	.....	.....	287
					20' × 24"	„	...	328	...	.....	.....	328

Appendix A.—(*Contd.*)

Name of Range or Working Circle.	Names of Forests worked.	Area cut in acres.	Description of produce obtained in cutting.	Balance of stock on hand on the 1st July 1893.	Cut and collected during the year.	Number sold.	Value realized.	Expenditure incurred in cutting.	Balance of stock on hand on the 1st July 1894.	Remarks.
Bilaspur Division.—(Concld.)							Rs. a. p.	Rs. a. p.		
Kurajati Pantor Range—(*Concld.*)			Class III ... 10′ × 9″ No.	...	129	...	...	...	129	
			12′ × 12″	...	343	..	...	...	343	
			16′ × 18″	...	179	...	...	...	179	
			20′ × 24″	...	133	...	...	...	133	
	Ramchanda ...	200	Firewood Stacks	...	248	2	1 12 0	396 7 0	246	
			Timber Poles—							
			Class I ... 10′ × 9″	...	...	...	...	...	...	
			12′ × 12″	...	4	...	...	...	4	
			16′ × 18″	...	...	...	...	...	...	
			20′ × 24″	...	...	...	...	...	...	
			Class II ... 10′ × 9″	...	50	...	...	...	50	
			12′ × 12″	...	70	...	...	..	70	
			16′ × 18″	...	22	...	...	...	22	
			20′ × 24″	...	20	...	...	...	20	
			Class III ... 10′ × 9″	...	...	...	...	...	...	
			12′ × 12″	...	...	...	...	...	...	
			16′ × 18″	...	...	...	...	...	...	
			20′ × 24″	...	...	...	...	...	...	
	Chatta ...	300	Firewood Stacks	...	33	...	...	16 13 8	33	
			Timber Poles—							
			Class I ... 10′ × 9″	...	...	...	...	...	...	
			12′ × 12″	...	25	...	...	...	25	
			16′ × 18″	...	15	...	...	...	15	
			20′ × 24″	...	...		...	...	...	
			Class II ... 10′ × 9″	...	650	...	...	...	650	
			12′ × 12″	...	870	...	...	...	870	
			16′ × 18″	..	225	...	...	...	225	
			20′ × 24″	...	225	...	...	...	225	
			Class III ... 10′ × 9″	...	90	...	...	...	90	
			12′ × 12″	...	25	...	...	...	25	
			16′ × 18″	...	7	...	...	...	7	
			20′ × 24″	...	...	...	...	...	...	

			Firewood	Stacks	...	251	1	0 14 0	175 15 0	250	
			Timber logs, mixed sizes	No.	...	51	...	...	..	51	
			Total Bilaspur Division	...	...	...	...	2 10 0	934 3 11	...	
Chanda Division											
Warora Range Salori Working Circle.	Chopan ...	66	Charcoal ...	...	...	4,143 C. ft. of Charcoal.	1,008 C. ft. of Charcoal.	131 0 7	314 2 3	3,135 C. ft. of Charcoal.	
			Total Chanda Division	...	...	...	..	131 0 7	314 2 3	...	
Chhindwara Division.											
Siliwani Ghat Range.	Sardoni ...	15	Teak poles, small ...	No.	...	130	130	30 0 0	27 1 0	...	The cutting operations have been temporarily stopped in this coupe for want of labour; when it can be advantageously obtained, they will be resumed.
			Poles, other than teak ...	"	...	133	133			...	
			Fuel ...	Stacks	...	34	34		...	...	
			Total Chhindwara Division	...	...	...	..	30 0 0	27 1 0	...	
Nagpur-Wardha Division.											
East Pench ...	Palora ...	166½	Poles ...	No.	21	1,270	1,125	100 1 6	358 14 0	166	
			Firewood ...	Stacks	161	1,420	1,334	1,221 10 0		247	
			Do. ...	Cart-loads	...	7	7	1 12 0		...	
			Do. ...	Bandy-loads	...	2	2	0 12 0		...	
			Do. ...	Head-loads	...	5	5	0 2 6		...	
			Do. ...	Bull-loads	...	112	112	14 0 0		...	
				Total ...	...	...	...	1,338 6 0	...	...	
	Gurra ..	209	Other poles ...	...	...	3,000	2,394	158 4 10	408 4 6	606	
			Mayals ...	...	...	4	1	1 8 0		3	
			Firewood ...	Stacks	...	1,331	553	455 12 0		778	
				Total ..	...	...	..	615 8 10	...	...	
	Lodha ..	162	Poles ...	No.	...	230	50	3 0 0	340 15 0	180	
			Firewood ...	Stacks	...	1,316	15	11 4 0		1,301	
			Do. ...	Cart-loads	...	1	1	0 2 0		...	
				Total ..	...	...	...	14 6 0	...	...	
	Pindakapar ..	22	Poles ...	No.	...	427	301	18 14 0	63 7 10	126	
			Firewood ...	Stacks	...	202	9	6 12 0		193	
				Total ...	...	...	...	25 10 0	...	...	

Appendix A.—(*Contd.*)

Name of Range or Working Circle.	Names of Forests worked.	Area cut in acres.	Description of produce obtained in cutting.		Balance of stock on hand on the 1st July 1893.	Cut and collected during the year.	Number sold.	Value realized.	Expenditure incurred in cutting.	Balance of stock on hand on the 1st July 1894.	Remarks.
								Rs. a. p.	Rs. a. p.		
Nagpur-Wardha Division.—(Contd.) East Pench.—(*Concld.*)	Mohgaon ...	34	Firewood ...	Stacks ...		284	223	167 4 0	91 8 0	61	
	Chargaon ...	30	Do. ...	" ...		214	55	41 4 0	63 0 0	159	
Umrer Range ...	Karandla ...	120	Poles ...	No. ...		3,063	3,063	123 10 0	218 1 3	...	
			Firewood ...	Stacks ...		966	515	349 8 0		451	
			Do. ...	Head-loads ...		77	77	2 6 6		...	
				Total ...	...	...	...	475 8 6	...	...	
	Chorwihere ...	9	Poles ...	No. ...		1,090	911	63 8 0	16 3 2	179	
			Firewood ...	Stacks ...		81	5	3 0 0		76	
				Total ...	...	...	...	66 8 0	...		
	Borimurrah ...	25	Poles ...	No. ...		1,179	1,179	120 0 11	40 14 4	...	
			Firewood ...	Stacks ...		182	23	13 0 0		159	
				Total ...	...	...	...	133 0 11	...	...	
	Pandhartal ...	48	Poles ...	No. ...		1,757	1,332	62 6 5	83 7 1	425	
			Firewood ...	Stacks ...		292	183	142 4 0		109	
				Total ..	...	...	...	204 10 5	...	...	
	Bazargaon ...	70	Poles ...	No. ...		2,988	1,997	277 4 0	234 9 3	991	
			Firewood ...	Stacks ...		660	302	229 8 0		358	
				Total ...	...	...	..	506 12 0	...	...	
Kondhali Range.	Pandradakni ...	34	Poles ...	No. ...		1,807	1,701	280 9 10	82 9 4	106	
			Firewood ...	Stacks ...		222	212	166 10 0		10	
			Do. ...	Cart-loads ...		40	40	5 0 0		...	
				Total ...	...	...	...	452 3 10	...	...	

	Kaidarpur ...	10	Poles ...	No.	...	250	200	26	8	3	23	2	8	50
			Firewood, ...	Stacks	...	62	56	56	10	0				6
				Total ...	...	...	...	83	2	3	...			...
	Keljar ..	40	Poles ..	No.	.	488	488	110	2	3	130	9	0	...
			Firewood, ...	Stacks	...	344	254	205	0	0				90
				Total ...	...	...	...	315	2	3	...			...
	Daigma ...	40	Poles ...	No.	...	90	90	36	8	0	110	10	10	...
			Firewood, ...	Stacks	...	347	159	127	2	0				188
				Total .	...	...	...	163	10	0	...			...
Arvi Range ...	Panjra ..	55	Poles ...	No	9	4,691	4,367	1,142	12	9				333
			Teak, small pieces, ...	Cart-loads	4½	13	15	30	8	0				2½
			Firewood, ...	Stacks	...	217	136	107	8	0	222	9	9	81
			Do., ...	Cart-loads	...	23	23	8	14	0				..
			Bamboos ...	...	...	125	125	6	4	0				...
				Total ..	..	...	...	1,295	14	9	...			...
	Dhamkund ...	26	Teak ...	Poles	...	1,861	1,861	508	11	0				...
			Do. small pieces,	Cart-loads	...	3	3	8	0	0	162	12	3	..
			Firewood, ..	Stacks	...	142	13	9	12	0				129
				Total ...	..	..	..	526	7	0	...			..
	Saheli ...	24	Teak ..	Poles	451	1,490	1,543	197	1	10				398
			Do. small pieces,	Cart-loads	13	7	6	12	0	0				14
			Firewood, ...	Stacks	...	100	64	40	0	0	99	10	0	36
			Do., ...	Cart-loads	3	37	40	11	2	0				...
			Do., ...	Head-loads	...	1,116	1,116	104	10	0				...
				Total ...	...	.	...	364	13	10	.			...
	Jowarwara ...	58	Poles .	No.	...	3,418	3,142	579	3	3				276
			Teak, small pieces, ...	Cart-loads	..	166	3	5	8	0	352	6	7	163
			Firewood, ...	Stacks	...	443	22	21	12	0				421
				Total ...	...		...	606	7	3	...			...
	Borekheri ...	50	Poles ...	No.	163	3,121	3,066	569	8	0				218
			Teak, small pieces, ...	Cart-loads	39	9	27	31	0	0	427	11	9	21
			Firewood, ...	Stacks	...	387	385	288	12	0				2
			Do., ...	Cart-loads	...	20	20	5	1	0				...
				Total ...	...	..	...	894	5	0	...			...

Appendix A.—(*Contd.*)

Number of Range or Working Circle.	Name of Forests worked.	Area cut in acres.	Description of produce obtained in cutting.		Balance of stock on hand on the 1st July 1893	Cut and collected during the year.	Number sold.	Value realized.	Expenditure incurred in cutting.	Balance of stock on hand on the 1st July 1894.	Remarks.
								Rs. a. p.	Rs. a. p		
Arvi Range—(*Concld.*)	Sirkutani ...	46	Poles ...	No.	...	1,446	1,360	137 4 6	130 14 4	86	
			Teak, small pieces, ...	Cart-loads	...	14	12	16 8 0		2	
			Firewood, ...	Stacks	...	249	212	202 5 0		37	
			Do., ...	Cart-loads	...	27	27	4 12 0		...	
				Total ...	...	...	...	360 13 6	...	...	
			TOTAL NAGPUR-WARDHA DIVISION ..		...	...	..	8,651 14 4	3,662 4 11	...	
Raipur Division											
Balod Range ..	Sanjari ...	338	Building wood poles, ...	No.	...	2,337	1,494	83 2 11	591 15 4	843	
			Firewood, ...	Cart-loads	...	517	284	217 15 5		233	
				Total ...	...	...	...	301 2 4	...	...	
	Nara ...	215	Building wood poles, ...	No.	...	1,617	1,605	91 8 3	251 4 4	12	
			Firewood, ...	Cart-loads	...	544	504	381 7 6		40	
				Total ...	...	...	...	472 15 9	...	...	
	Mulla ...	275	Building wood poles, ...	No.	...	3,097	2,572	160 13 2	292 12 0	525	
			Firewood, ...	Cart-loads	...	328	167	134 2 0		167	
				Total ...	...	...	...	294 15 2	...	...	
	Nahanda ...	178	Building wood poles, ...	No.	...	2,872	2,644	262 6 6	270 4 6	228	
			Firewood, ...	Cart-loads	...	341	337	256 10 7		4	
				Total ...	...	...	...	519 1 1	...		

Dhamtari Range.	Sakra ...	92	Building wood poles, ...	No.	...	1,106	198	14	12	7	232	11	9	918
			Firewood, ...	Cart-loads	...	105	28	26	1	0				77
				Total ...	...	...	...	40	13	7	...			...
	Birjhuli ...	95	Building wood poles, ...	No.	...	2,684	2,684	142	2	0	260	0	0	...
			Firewood, ...	Cart-loads	...	70	70	64	5	0				...
				Total ...	...	...	...	206	7	0	...			...
	Themli ...	217	Building wood poles, ...	No.	...	9,119	4,688	330	9	3	636	8	6	4,431
			Firewood, ...	Cart-loads	...	107	80	60	7	0				27
				Total ...	..	...	...	391	0	3	...			...
	Barlandha ...	133	Building wood poles, ...	No.	...	2,639	1,502	139	1	6	179	6	0	1,137
			Firewood, ...	Cart-loads	...	307	294	220	7	9				13
				Total ...	...	...	...	359	9	3	...			...
	Madwapathra ...	243	Building wood poles, .	No.	...	5,011	3,325	234	0	10	500	6	9	1,686
			Firewood, ...	Cart-loads	...	546	509	387	1	0				37
				Total ...	...	...	...	621	1	10	...			...
	Bheja ...	243	Building wood poles, ...	No.	...	9,575	7,307	462	12	10	350	2	6	2,268
			Firewood, ...	Cart-loads	...	981	815	622	2	9				166
				Total ...	...	.	...	1,084	15	7	...			...
Sirpur-Khalori Range.	Pasid ...	244	Building wood poles, ...	No.	...	6,878	3,184	313	12	9	647	8	6	3,694
			Firewood ...	Cart-loads	..	350	178	134	7	0				172
				Total ...	...	...	...	448	3	9	...			...
	Khori ...	315	Building wood poles, ..	No.	...	5,877	2,269	237	8	7	635	7	6	3,608
			Firewood, ...	Cart-loads	...	556	533	249	12	0				223
				Total ...	.	...	...	487	4	7	...			...
	Tamora ...	179	Building wood poles, ...	No.	...	5,222	721	48	15	5	404	8	0	4,501
			Firewood, ...	Cart-loads	...	302	11	8	4	0				291
				Total .	...	...	...	57	3	5	...			...
Lowa Range ...	Barrikal ...	207	Building wood poles, ...	No.	...	6,232	5,286	905	2	1	559	3	0	946
			Firewood, ...	Cart-loads	...	293	235	178	4	6				56
				Total ...	...	..	..	1,083	6	7	...			...

Appendix A.—(*Contd.*)

Name of Range or working circle.	Name of Forests worked.	Area cut in acres.	Description of produce obtained in cutting.		Balance of stock on hand on the 1st July 1893.	Cut and collected during the year.	Number sold.	Value realized.	Expenditure incurred in cutting	Balance of stock on hand on the 1st July 1894.	Remarks.
								Rs. a. p.	Rs. a. p.		
Lown Range.—(Contd.)											
	Baphra ...	161	Building wood poles,	No.	...	2,925	692	51 4 4	451 4 0	2,233	
			Firewood, ...	Cart-loads	...	205	1	0 12 0		204	
			Total ...		...	...	...	52 0 4	...	...	
	Murum ...	130	Building wood poles,	No.	..	5,145	4,257	276 12 4	332 7 6	888	
			Firewood, ...	Cart-loads	...	175	38	29 0 0		137	
					...	...	...	305 12 4	...	...	
			TOTAL RAIPUR DIVISION ...		...	...	...	6,726 0 10	6,596 0 8	...	
Sambalpur Division.											
Sambalpur Range.	Mundher ...	185	Bijapoles,	No.	...	22	...	...	...	22	
			Sal, saj, and sissu poles,	,,	...	779	18	3 10 9	...	761	
			3rd class poles ...	...	...	1,045	57	1 9 0	...	988	
			Fuel ...	..	..	38,400 C. ft.	1,500 C. ft.	12 8 0	...	36,900 C. ft.	
			TOTAL SAMBALPUR DIVISION ...		...	...	...	17 11 9	...	...	
Seoni Division.											
			Nil.								
			Abstract.								
			Firewood,	Stacks	1,886	30,417	21,085	...	...	11,218	
			Do.,	Tons	...	3,485	3,345	...	...	140	
			Do.,	Cart-loads	3	6,227	4,245	...	...	1,985	
			Do.,	Bandy-loads		2	2	...	..	...	

		Do.,	Bull-loads	...	112	112	...			...				...
		Do.,	Head-loads	...	1,201	1,201	...			...				...
		Do.,	Cubic feet	...	38,400	1,500	...			...				36,900
		Mayals,	No.	...	111	46	...			...				65
		Siwars	"	...	45,954	36,866	...			...				9,088
		Poles, teak	"	615	6,131	6,143	...			...				603
		Do. other,	"	4,453	155,091	106,060	3,016	14	3	18,373	5	8		53,484
		Do. carts,	"	...	1,384	1,098	...			...				286
		Do. "	Pieces.	...	...	...	...			...				...
		Do. "	No.	56	212	66	...			...				202
		Karka, cart	...	...	38	9	...			...				29
		Building wood,	Carts	...	291	73	...			...				218
		Logs, teak,	No.	14	19	12	...			...				21
		Do. other	"	115	178	91	...			...				202
		Bamboos	"	...	125	125	...			...				...
		Mahua wood	"	...	50	1	...			...				49
		Do. tree	"	22	5	22	...			...				5
		Charcoal	Cft.	...	4,145	1,008	...			...				3,135

Appendix B.

SOUTHERN CIRCLE, CENTRAL PROVINCES.

Statement showing the outturn of poles and fuel in cubic feet.

Name of Range or Working Circle.		Area cut over in acres.	Outturn in cubic feet.		Remarks
			Poles.	Fuels.	
			No.	Tons.	
		BALAGHAT DIVISION			
Sonawani Range	Mahuljhari ...	40	3,953	8,762·5	
	Agarwara ...	100	5,909	29,250	
	Jamoonia ...	69	5,135	24,525	
	Nagjhar ...	75	8,225	21,612·5	
	Kermara ...	63	4,146	11,362·5	
	Bichwa ...	90	9,047	12,025	
	Garaghat ...	40	4,398	10,325	
	Katang Jharri ...	40	4,223	10,337·5	
	Total ...	517	45,036	128,200·0	
Dhansua Range.	Oda ...	43	797	4,325	
	Servi ...	88	2,919	29,787·5	
	Mugardarah ...	33	2,078	7,237·5	
	Nahar Valley ...	63	1,617	10,962·5	
	Batkeri ...	110	2,617	8,325	
	Sirri, Pipalgaon, Kashitola ...	110	2,546	10,325	
	Railipaili, Junawani, Bodaldalkha	10	291	2,025	
	Total ...	457	12,865	72,987·5	
	TOTAL FOR DIVISION...	974	57,901	201,187·5	
		BHANDARA DIVISION.			
Gaikhuri Range.	Dormajhari ...	371	3,216	183,006	
	Khursipar ...	322	2,188	169,950	
	Magardhokra ..	341	5,675	165,700	
	Total ...	1,034	11,079	518,656	

Appendix B.—(*Contd.*)

Name of Range or Working Circle		Area cut over in acres.	Outturn in cubic feet. Poles	Outturn in cubic feet. Fuels.	Remarks.
			No.	Tons.	
		BHANDARA	DIVISION —	(*Concld.*)	
Powni Range	Khaksi ...	59	1,496	43,900	
	Dhanoli ...	117	1,928	21,600	
	Bhuyar ...	85	1,496	21,750	
	Seonala ...	116	4,914	47,400	
	Total ...	377	9,834	134,650	
Bawanthari Range.	Sitasaongi ...	96	224	26,800	
	Goreghat ...	93	293	18,350	
	Chicklee ...	102	157	20,600	
	Magarli ...	70	...	11,300	
	Gurrabori ...	64	290	31,050	
	Total ...	425	964	108,100	
Pertabgarh Range.	Dewalgaon ..	166	2,212	5,9600	
	Pipalgaon	134	184	28,650	
	Sangarhi ...	377	3,569	110,000	
	Nilaj ...	32	94	16,100	
	Pwyar ..	64	...	13,550	
	Kelod ..	25	151	7,900	
	Total ...	798	6,210	235,800	
	TOTAL FOR DIVISION .	2,634	28,087	997,206	
		BILASPUR	DIVISION.		
Lormi Range....	Sulgi ...	200	450	900	The areas given are those of the whole cutting, but in no case has the whole area been cut over for various reasons.
	Surhi ...	200	225	2,070	
	Deosara .	200	270	1,800	
	Surhya ...	300	450	1,350	
	Gabighat ..	200	...	1,260	
	Total ...	1,100	1,395	7,380	

Appendix B.—(*Contd.*)

Name of Range or Working Circle.		Area cut over in acres	Outturn in cubic feet		Remarks.
			Poles	Fuels	
			No.	Tons.	
		BILASPUR	DIVISION.—	(*Concld.*)	
Kujati-Pantora Range.	Kattra .	300	1,103	32,760	301 c. ft of other miscellaneous sizes obtained
	Amakhola .	300	4,603	22,320	
	Ramchanda ...	200	210	2,970	
	Chatta .	300	2,458	22,590	
	Total .	1,100	8,374	80,640	
	TOTAL FOR DIVISION	2,200	9,769	88,020	
		CHAN	DA DIVISION		
			Nil.		
		CHHINDW	ARA DIVISI	ON.	
Siliwani Ghât Range.	Sardoni .	15	225	5,440	The poles were not well formed or straight and could not consequently be sold at the usual price
	TOTAL FOR DIVISION ..	15	225	5,440	
		NAGPUR	DIVISION.		
East Pench Range.	Chorbaoli .	167	1,291	233,759	
	Dongartal ...	209	3,004	212,960	
	Kurwahi ..	162	230	210,578	
	Tangla ..	22	427	32,320	
	Total .	560	4,952	689,617	
West Pench Range.	Kubala ...	34	...	45,440	
	Tikari ...	30	...	34,240	
	Total ..	64	...	79,680	
Umrer Range ..	Karandla ...	120	3,063	154,663	
	Do. ...	9	1,090	12,960	
	Magurdhokra ...	25	1,179	29,120	
	Do. ...	48	1,757	46,720	
	Girur ...	2	124	480*	
	Total .	204	7,213	243,943	

Appendix B.—(*Contd.*)

Name of Range or Working Circle		Area cut over in acres	Outturn in cubic feet		Remarks.
			Poles.	Fuels	
			No.	Tons.	
		NAGPUR DIVISION.—(*Concld.*)			
Kondali Range .	Bazargaon ..	70	2,988	105,600	
	Kaiderpur ...	10	259	9,920	
	Arumbi ..	34	1,807	36,231	
	Jungarh ...	40	488	55,040	
	Daigma ...	40	90	55,520	
	Total .	194	5,623	262,311	
	TOTAL FOR DIVISION...	1,022	17,788	1,275,551	
		WARDHA DIVISION.			
Arvi Range ...	Eijhur ..	55	4,947	35,129	
	Dhugga ...	26	1,908	22,720	
	Do. ...	24	2,231	18,199	
	Jaithgurh ...	58	5,832	70,880	
	Maligaon ...	50	3,982	62,276	
	Ashti ...	46	1,649	40,320	
	Total ...	259	20,549	249,524	
	TOTAL FOR DIVISION...	259	20,549	249,524	
		RAIPUR DIVISION.			
Balod Range ...	Sanjari ...	338	1,530	25,850	
	Mulla ...	275	2,446	16,400	
	Nara ..	215	736	27,200	
	Nahuda ...	178	1,251	17,050	
	Total ..	1,006	5,963	86,500	
Dhamtari Range	Sakra ...	92	656	5,250	
	Birjhuli ...	95	662	3,500	
	Themli ...	217	8,363	5,350	
	Barbandha ...	133	2,067	15,350	
	Madwapathra ...	243	4,062	27,300	
	Bheja ...	243	5,997	49,050	
	Total ...	1,023	21,807	105,800	

Appendix B.—(*Concld.*)

Name of Range or Working Circle		Area cut over in acres	Outturn in cubic feet		Remarks
			Poles.	Fuels	
			No.	Tons.	
		RAIPUR DIVISION.—(*Concld.*)			
Sirpur Khallari Range	Pasid ...	244	4,519	17,500	
	Khori ...	315	4,170	27,800	
	Tamora ...	179	3,880	15,100	
	Total ...	738	12,569	60,400	
Lown Range ..	Barikel ...	207	4,323	14,650	
	Baphra ..	161	2,741	10,250	
	Murum ...	130	3,404	8,750	
	Total ...	498	10,468	33,650	
	TOTAL FOR DIVISION ..	3,265	50,807	286,350	
		SAMBALPUR DIVISION.			
Sambalpur Range.	Mundher ..	185	2,350	38,400	
	TOTAL FOR DIVISION .	185	2,350	38,400	
		SEONI DIVISION			
			Nil.		
		ABSTRACT.			
	Balaghat Division ...	974	57,901	201,187 5	
	Bhandara do. ...	2,634	28,087	997,206	
	Bilaspur do. .	2,200	9,769	88,020	
	Chanda do. ...	...	...	...	
	Chhindwara do. ...	15	225	5,440	
	Nagpur do. ...	1,022	17,788	1,275,551	
	Wardha do. ..	259	20,549	249,524	
	Raipur do. ...	3,265	50,807	286,350	
	Sambalpur do. ...	185	2,350	38,400	
	Seoni do. ...	...	...	...	
	TOTAL FOR SOUTHERN CIRCLE, C. P. ...	10,554	187,476	3,141,678·5	

Appendix C.

FOREST DEPARTMENT, SOUTHERN CIRCLE, CENTRAL PROVINCES.

Year of working.	Block or Forest worked.	Compartments worked	Area worked	Nature of felling made	Trees felled during year.		Outturn, Timber and Fuel.		Outturn, other produce		Remarks.
					Kinds	No.	Description.	Quantity cubic feet (solid)	Kind and quantity.	Value. (gross).	
	BALAGHAT DIVISION.	Nos.	Acres							Rs. a. p.	
	Sonawani Range.										
1893-94.	Mahuljhari ...	1	40	Improvement fellings as per Chief Commissioner's Resolution No. 102, dated the 5th January 1893.	..	...	Building wood (poles) logs.	3,953	...	...	
							Firewood ...	8,762 5	...		
,,	Agarwara ...	1	100		..	...	Building wood poles, &c.	5,909	...	...	
							Firewood ..	29,250	..	...	
,,	Jamoonia ..	1	69			...	Building wood materials.	5,153	...	...	
							Firewood .	24,525	...	...	
,,	Nagjhar ...	1	75		...	.	Building wood materials.	8,225	...	...	
							Firewood ..	21,612·5	..	...	
,,	Kermara ...	1	63		...	.	Building wood material.	4,146	Bamboos 2,500	12 8 0	
							Firewood ..	11,362·5	...	...	
,,	Bichwa ...	1	90		..	...	Building wood material,	9,047	...	...	
							Firewood ...	12,025	...	...	
,,	Garaghat ...	1	40		...	...	Building material ..	4,398	...	...	
							Firewood ...	10,325	...	...	

Appendix C.—(*Contd.*)

Year of working.	Block or Forest worked.	Compartments worked.	Area worked.	Nature of felling made.	Trees felled during year.		Outturn, Timber and Fuel.		Outturn, other produce.		Remarks.
					Kinds.	No.	Description.	Quantity cubic feet. (solid).	Kind and quantity.	Value. (gross).	
	BALAGHAT DIVISION.— (*Contd.*)	Nos.	Acres.							Rs. a. p.	
	Sonawani Range.— (Contd).										
1893-94.	Katangjhari ...	1	40	Improvement fellings as per Chief Commissioner's Resolution No. 102, dated the 5th January 1893.	...	...	Building material ...	4,223	Bamboos 100	0 8 0	
							Firewood ...	10,337·5	...	...	
	Dhansua Range.										
„	Oda ...	1	43		...	...	Building material ...	797	...	...	
							Firewood ...	4,325	...	...	
„	Servi ...	1	88		...	...	Building material ...	2,919	...	...	
							Firewood	29,787·5	...	...	
„	Mugardarah ...	1	33		...	...	Building material ...	2,078	...	...	
							Firewood ...	7,237·5	...	...	
„	Nahra Valley ...	1	63		...	...	Building material ...	1,617	...	...	
							Firewood ...	10,962·5	...	...	
„	Batkeri ...	1	110		...	...	Building material ...	2,617	Bamboos 1,200	6 0 0	
							Firewood ...	8,325	...	...	
„	Sirri, Pipalgaon and Kashitola.	1	110		..	...	Building material ...	2,546	...	...	
							Firewood ...	10,325	...	...	
„	Railipaili Junawani Bodaldalkha.	1	10		...	...	Building material ...	291	...	...	
							Firewood ...	2,025	...	...	

	BHANDARA DIVISION.										
	Gaikhuri Range.										
"	Dodmajhari ...	1	371	Coppice with standards.	All badly grown gnarled trees.	...	Poles ...	3,216	...	...
							Fuel ..	1,83,006	...	...
"	Khursipar ...	1	322	Do. ...	Do. ...	...	Poles ...	2,188	...	...
							Fuel ...	1,69,950	...	...
"	Magardhokra ...	1	341	Do. ...	Do. ...	...	Poles ...	5,675	...	...
							Fuel ...	1,65,700	...	...
	Powni Range.									
"	Khaksi ...	1	59	Do. ...	Do. ...	...	Poles ...	1,496	...	...
							Fuel ...	43,900	...	...
"	Dhanoli ...	1	117	Do. ...	Do. ...	...	Poles ...	1,928	...	...
							Fuel ...	21,600	...	...
"	Bhuyar ..	1	85	Do. ...	Do. ...	...	Poles ...	1,496	...	...
							Fuel ...	21,750	...	...
"	Seonala ...	1	116	Do. ...	Do. ...	...	Poles ...	4,914	...	...
							Fuel ...	47,400	...	...
	Bawanthari Range.									
"	Sitasaongi ...	1	96	Do. ...	Do. ...	...	Poles ...	224	...	...
							Fuel ...	26,800	...	...
"	Goreghat ...	1	93	Do. ...	Do. ...	...	Poles ...	293	...	...
							Fuel ...	18,350	...	...
"	Chicklee ...	1	102	Do. ...	Do. ...	...	Poles ...	157	...	...
							Fuel ...	20,600	...	...

Appendix C.—(*Contd.*)

Year of working.	Block or Forest worked.	Compartments worked.	Area worked.	Nature of felling made.	Trees felled during year.		Outturn, Timber and Fuel		Outturn, other produce.		Remarks.
					Kinds.	No.	Description.	Quantity cubic feet. (solid.)	Kind and quantity.	Value. (gross.)	
	BHANDARA DIVISION.—(*Concld.*)	Nos.	Acres.							Rs. a. p	
	Bawanthari Range.—(Concld.)										
1893-94.	Magarli ...	1	70	Coppice with standards.	All badly grown gnarled trees.	...	Poles ...	...	...	...	
							Fuel ...	11,300	...	...	
"	Gurrabori ...	1	64	Do. ..	Do. ..	...	Poles ...	290	...	...	
							Fuel ...	31,050	..	...	
	Pertabgarh Range.										
"	Dewalgaon ...	1	166	Do. ..	Do. ...	...	Poles ...	2,212	...	...	
							Fuel ...	59,600	...	...	
"	Pipalgaon ...	1	134	Do. ...	Do. ...	...	Poles ...	184	...	...	
							Fuel ...	28,650	...	...	
"	Sangarhi ...	1	377	Do. ..	Do. ..	...	Poles ...	3,569	...	...	
							Fuel ..	1,10,000	...	...	
"	Nilaj ...	1	32	Do. ...	Do. ...	...	Poles ..	94	...	...	
							Fuel ...	16,100	...	...	
"	Puyar ...	1	64	Do. ..	Do ...	...	Poles ...	...	...	...	
							Fuel ...	13,550	...		

,,	Kelod ...	1	25	Do. ...	Do. ...		Poles ...	151	...	...
							Fuel ...	7,900	...	...
	BILASPUR DIVISION.									
	Lormi Range.									
,,	Rajak ...	I	Nil.	...	...	...	...	...	...	...
,,	Katami ...	II	Nil.	...	..	...	...	...	..	...
,,	Sargari ...	1	Nil.	...	...	...	..	...	...	...
,,	Sulgi ...	2	9·6	Improvement ...	Class II ...	150	Poles, Class II	450	Nil.	...
					do. III ...	150	Poles, do. III			
							Fuel ...	900	...	...
,,	Dessara ...	3	20·0	Do. ...	do. II ...	100	Poles, do. II	270	Nil.	...
					do. III ...	100	Poles, do. III			
							Fuel ...	1,800	...	...
		4	21·0	Do. ...	do. II ...	150	Poles, Classes II & III.	450	Nil.	...
					do. III ...	100				
							Fuel ...	1,350	Nil.	...
,,	Gabighat ..	1	2	Do. ...	Nil ...	...	do. ..	1,260	Nil.	...
,,	Tingipur ...	2	Nil.	...	Nil .	...	Nil .	...	Nil.	...
,,	Saraiha ...	3	16	Improvement ...	Class II ...	150	Poles, Class II ...	450	...	...
							Fuel ..	1,350	...	...
	Sonakhan Range.									
,,	...	II	Nil.	...	...	...	...	...	...	...
,,	...	II	Nil.	...	..	...	...	...	..	...

Appendix C.—(*Contd.*)

Year of working.	Block or Forest worked.	Compartments worked	Area worked.	Nature of felling made.	Trees felled during year.		Outturn, Timber and Fuel.		Outturn, other produce.		Remarks.
					Kinds	No.	Description.	Quantity cubic feet. (Solid.)	Kind and quantity.	Value. (gross).	
	BILASPUR DIVISION (*Contd.*)	Nos.	Acres.							Rs. a. p.	
	Kuajatti-Pantora Range.										
1893-94.	Ramchanda ...	1	54	Improvement ...	Class I ..	4	Poles, Classes I & II.	210	Nil.	...	
							Fuel ...	2,970	Nil.	...	
,,	Amakhola ...	3	59 4	Do. ...	do. I ..	285	Poles, Classes I, II & III ...	4,603	Nil.	...	
					do. II ...	797					
					do. III ...	784					
							Nil ...	22,320	Nil.	...	
,,	Kanai ...	2	Nil.	Nil ...	Nil ...	...	Fuel ...	...	Nil.	...	
,,	Kattra ...	4	37·6	Do. ...	Class II ...	605	Poles, Classes II & III.	1,103	Nil.	...	
					do. III ...	84					
							Fuel ..	32,760	...	...	
,,	Chatta ...	5	35·0	Do. ...	do. I ...	40	Poles, Classes I, II & III.	2,458	...	...	
					do. II ...	1,970					
					do. III ...	173					
	CHANDA DIVISION.						Fuel	22,590	Nil.	...	
,,	Chopan ...	1	66	Coppice fellings ...	...	...	Charcoal ..	4,143	...	...	

	CHHINDWARA DIVISION. Nil.										
,,	...	...	...		...	...	...	...	...	...	
	NAGPUR-WARDHA DIVISION.										
	East Pench Range.										
,,	Palora ...	1	166½	Coppice with standards.	...	...	Poles	...	1,291	...	...
							Fuel	...	2,53,759	...	...
,,	Gurra ...	1	209	...	...	...	Poles	...	3,004	...	...
							Fuel	...	2,12,960	...	...
,,	Loda ...	1	162	...	...	...	Poles	...	230	...	...
							Fuel	...	2,10,578	...	...
,,	Pindkapar ...	1	22	...	...	...	Poles	...	427	...	...
							Fuel	...	32,320	...	...
	West Pench Range.										
,,	Mohgaon ..	1	34	...	...	...	Fuel	...	45,440	...	...
,,	Chargaon ...	1	30	...	...	...	Fuel	...	34,240	...	...
	Umrer Range.										
,,	Karandla ...	1	120	...	...	...	Poles	...	3,063	...	...
							Fuel	...	1,54,663	...	...
,,	Chorwihera ...	1	9	...	...	...	Poles	...	1,090	...	...
							Fuel	...	12,960	...	...
,,	Borimuzrah ...	1	25	...	...	...	Poles	...	1,179	...	...
							Fuel	...	29,120	...	...
,,	Alagondi ...	1	48	...	...	...	Poles	...	1,757	...	...
							Fuel	...	46,720	...	...

Appendix C.—(*Contd.*)

Year of working.	Block or Forest worked.	Compartments worked.	Area worked.	Nature of felling made.	Trees felled during year.		Outturn, Timber and Fuel.		Outturn, other produce.		Remarks.
					Kinds.	No.	Description.	Quantity cubic feet. (solid).	Kind and quantity.	Value. (gross).	
	NAGPUR-WARDHA DIVISION (*Concld.*)	Nos.	Acres.							Rs. a. p.	
	Umrer Range.—(Concld.)										
1893-94.	Mangrool ..	1	2	...	...	...	Poles ..	124	...	...	
							Fuel ...	480	...	...	
	Kondali Range.										
„	Bagargaon ...	1	70	...	..	...	Poles ...	2,988	...	...	
							Fuel ...	105,600	...	...	
„	Kaidarpur ..	1	10	...	...	...	Poles ...	250	...	...	
							Fuel ...	9,920	...	...	
„	Pandhradakin ..	1	34	...	...	...	Poles ...	1,807	...	...	
							Fuel ...	36,231	...	...	
„	Keljar ...	1	40	...	...	...	Poles ...	468	...	...	
							Fuel ...	55,040	...	...	
„	Daigma ...	1	40	...	...	...	Poles ...	90	...	...	
							Fuel ...	55,520	...	...	
	Arvi Range.										
„	Panjra ...	1	55	...	...	...	Poles ...	4,947	Bamboos 125	6 4 0	
							Fuel ...	35,129	Minor produce—Seers 383	28 4 0	

„	Dhamkund ..	1	26	...	..	...	Poles ...	1,908	...						
							Fuel ..	22,720	...			...			
„	Saheli ...	1	15	...	...	...	Poles ..	2,231	Grass pullas, 15,000.	121	1	6			
							Fuel ..	18,199	Minor produce—Seers 1,618.	39	3	4			
„	Jowarwara ...	1	58	...	...	...	Poles ..	5,832	Minor produce—Seers 56						
							Fuel ..	70,880	..	7	0	0			
„	Borkheri ...	1	50	...	...	...	Poles ...	3,982	Minor produce—Seers 650	9	1	0			
„	Sirkutani ...	1	46	...	...	...	Poles ...	1,649							
							Fuel ..	40,320	...		...				
	RAIPUR DIVISION.								...		...				
	Balode Range.														
„	Sanjari ...	1	338	Improvement ...		Teak, bija, saj, harra, tendu, mahua, achar, karra sina, avla, dhaora, tinsa, rohna, bhirha,	30,400	Building wood ... 1,530; Firewood .. 25,850	...	620	7	10			
„ ...	Mulla ...	1	275	Do. ...			26,700	Building wood .. 2,446; Firewood ... 16,400	...	591	4	2			
„	Nara ...	1	215	Do. ...			18,300	Building wood ... 736; Firewood .. 27,200	...	507	3	3			
„	Nahuda ...	1	178	Do. ..			15,210	Building wood .. 1,251; Firewood .. 17,050	...	544	15	7			
	Dhamtari Range.														
„	Sankra ...	1	92	Do. ...			*	Building wood ... 656; Firewood ... 5,250	...	203	2	1			
„	Birjhuli ...	1	95	Do.			3,915	Building wood .. 662; Firewood .. 3,500	...	206	7	0			

* Information not available.

Appendix C.—(*Concld.*)

Year of working.	Block or Forest worked.	Compartments worked.	Area worked.	Nature of felling made.	Trees felled during year. Kinds.	Trees felled during year. No.	Outturn, Timber and Fuel. Description.	Outturn, Timber and Fuel. Quantity cubic feet. (solid).	Outturn, other produce. Kind and quantity.	Outturn, other produce. Value. (gross).	Remarks.
	RAIPUR DIVISION. (*Concld.*)	Nos.	Acres.							Rs. a. p.	
	Dhamtari Range.—(Concld.)										
1893-94.	Themli ...	1	217	Improvement ...	salai, kalmi, kowha, kosum, khair, dhamin, bahira, palas, khamar, ghotia, and other miscellaneous kinds.	8,211	Building wood ... / Firewood ...	8,363 / 5,350	...	1,124 12 3	
„	Barbandha ...	1	133	Do. ...		2,127	Building wood ... / Firewood ...	2,067 / 15,350	...	596 1 3	
„	Madwapathra ...	1	243	Do. ...		11,760	Building wood ... / Firewood ...	4,062 / 27,300	...	1,033 14 4	
„	Bheja ...	1	243	Do. ..		14,399	Building wood .. / Firewood ...	5,997 / 49,050	...	1,645 4 7	
	Sirpur Khallari Range.										
„	Pasid ..	1	244	Do. ...		21,436	Building wood ... / Firewood ...	4,519 / 17,500	...	1,042 3 9	
„	Kohri ...	1	315	Do. ...		31,233	Building wood ... / Firewood ...	4,170 / 27,800	...	1,132 11 1	
„	Tamora ...	1	179	Do. ...		37,296	Building wood ... / Firewood ...	3,880 / 15,100	...	705 10 5	

	Lowa Range.											
"	Barikel ...	1	207	Do. ..		23,643	Building wood ...	4,323	.	1,182	1	7
							Firewood ..	14,650				
"	Baphra ...	1	161	Do. ...		8,765	Building wood ...	2,741	...	514	1	4
							Firewood ...	10,250				
"	Murum ...	1	130	Do. ...		5,439	Building wood ...	3,404	...	686	14	10
							Firewood ...	8,750				
	SAMBALPUR DIVISION.											
	Sambalpur Range.											
"	Mundher ...	1	185	Coppice with standards.	Bija ...	22	Poles ...	66	...	30	1	0
					2nd Class trees ...	779	do. ...	1,281	...	332	0	6
					3rd do. ...	1,045	do. ...	1,003	...	63	7	6
							Fuel ...	38,400	...	320	0	0
	SEONI DIVISION.											
	Nil.											
	Abstract.											
							Building wood ..	98,864	...	...		
							Poles ...	88,630	...	...		
							Firewood ...	30,93,242	...	...		
							Bamboos ...	3,925	...	...		
							Minor produce, seers ...	2,707	...	...		
							Charcoal ...	4,143	...	...		
							Grass pullas ...	15,000	...	...		

Appendix

FOREST DEPARTMENT, SOUTHERN

PROVISIONS OF WORKING PLAN.						RESULT OF OPERATION						COMPARISON.	
Year or period in which operations are to be carried out.	Block or Forest to be worked	Compartments to be worked	Nature of felling to be made.	Kinds of trees to be felled.	Number of trees or volume of wood to be felled during year or period.	Year of working	Block or Forest worked.	Compartments worked	Nature of felling made.	Kinds of trees felled	Number of trees or volume of wood felled.	Excess. Number of trees or volume of wood felled.	Deficit Number of trees or volume of wood felled.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
		Nos.						Nos.					
												BALAGHAT *Nil* BHANDARA	
1893-94		...	.		..	1893-94	Dodmajheri	1	Coppice with standards.	All badly grown gnarled trees	7,071 poles, 3,860 tons of fuel.	..	.
,,		.	.			,,	Khursipar	1			6,341 poles, 3,398 tons of fuel	.	..
,,	...	...	...	...	...	,,	Magardhokra .	1			11,925 poles, 3,314 tons of fuel.	...	...
,,	..	...	...	...	...	,,	Khaksi ..	1			1,484 poles, 878 tons of fuel	...	...
,,	.	...	...	...	..	,,	Dhanori	1			3,546 poles, 432 tons of fuel ...	...	...
,,	...	...	...	...	...	,,	Bhuyar ...	1			2,305 poles, 435 tons of fuel	...	...
,,	.	...	...	...	...	,,	Seonala	1			2,878 poles, 948 tons of fuel .	...	...
,,	..	...	..	..	...	,,	Sitasaongi ...	1			526 poles, 536 tons of fuel	...	...
,,	...	...	...	...	...	,,	Goreghat .	1			642 poles, 367 tons of fuel	...	...
,,	.	...	...	...	..	,,	Chicklee	1			375 poles, 412 tons of fuel .	.	...
,,	...	...	..	...	...	,,	Magarli ...	1			226½ tons of fuel	.	...
,,	...	...	.	...	...	,,	Gurrabori ...	1			777 poles, 621 tons of fuel ..	...	...
,,	...	...	...	...	...	,,	Dewalgaon ..	1			2,761 poles, 1,192 tons of fuel	.	...
,,	...	...	...	...	...	,,	Pipalgaon ...	1			438 poles, 573 tons of fuel ...	...	...
,,	...	..	...	...	.	,,	Sangarhi	1			3,175 poles, 2,200 tons of fuel.	...	...
,,	...	...	...	...	...	,,	Nilaj ...	1			260 poles, 322 tons of fuel ...	...	...
,,	...	...	...	...	...	,,	Puyar ...	1			271 tons of fuel	...	...
,,	...	...	...	...	...	,,	Kelod ...	1			224 poles, 158 tons of fuel ...	...	..
												BILASPUR Lormi	
1893-94.	Rajak ...	1	Improvement by selection.	All classes.	Not laid down.	1893-94	Rajak ...	1	None ...	...	.....	...	...
,,	Katami ...	2				,,	Katami ...	2	Do. ...	...	.....	..	...
,,	Sargari .	1				,,	Sargari ...	1	Do. ...	...	.....		...
,,	Sulgi ..	2				,,	Sulgi ...	2	As proposed.	All kinds	300 poles, 18 tons of fuel	..	...
,,	Deosara ...	3				,,	Deosara ...	3	Do.	Do.	200 poles, 36 tons of fuel ...	...	...
,,	...	4				,,	.....	4	Do.	Do.	250 poles, 27 tons of fuel ...	.	...
,,	Gabighat ...	1				,,	Gabighat ...	1	Do.	Do.	25 tons of fuel ...	...	...
,,	Tingipur ...	2				,,	Tingipur ...	2	None ...	...	*Nil.*	...	...
,,	Saraiha ...	3				,,	Saraiha ...	3	As proposed.	All kinds	150 poles, 27 tons of fuel ...	...	...
												KUSAITI PAR	
1893-94.	Ramchanda ...	1				1893-94.	Ramchanda ...	1	Do.	Do.	4 poles, 59 tons of fuel ...	...	...
,,	Kanai ...	2				,,	Kanai ...	2	None ...	...	.....	...	...

D.

CIRCLE, CENTRAL PROVINCES.

AREA CHECK								Excess	Deficit	Remarks
Year or period in which operations are prescribed	Maximum area to be worked during year or period			Year of working	Area actually worked during year or period.					
	Block or Forest	Compartments	Area		Block or Forest	Compartments.	Area			
15	16	17	18	19	20	21	22	23	24	25
		Nos.	Acres			Nos.	Acres	Acres	Acres	
DIVISION										
DIVISION										
1893 94	Dodmajheri	1	480	1893 94	Dodmajheri	1	371			
..	Khursipar	1	429	..	Khursipar	1	322			
..	Magardhokra	1	499	..	Magardhokra	1	341			
..	Khakei	1	64	..	Khakei	1	59			
..	Dhanori	1	192	..	Dhanori	1	117		..	
..	Bhuyar	1	206	..	Bhuyar	1	85			
..	Seonala	1	217	..	Seonala		116			
..	Sitasaongi	1	505	..	Sitasaongi	1	96			
..	Goreghat	1	237	..	Goreghat	1	93			
..	Chicklee	1	294	..	Chicklee	1	102	...		
..	Magarli	1	240	..	Magarli	1	70		.	
..	Gurrabori	1	223	..	Gurrabori	1	64		..	
..	Dewalgaon	1	211	..	Dewalgaon	1	166			
..	Pipalgaon	1	326	..	Pipalgaon	1	134			
..	Sangarhi	1	403	..	Sangarhi	1	377	..		
..	Nilaj	1	252	..	Nilaj	1	82	.		
..	Puyar	1	230	..	Puyar	1	64	...		
..	Kelod	1	256	..	Kelod	1	25			
DIVISION										
Ranges.										
1893-94	Rajak	1	300	1893 94	Rajak	1	*Nil.*	.	300	
..	Katami	2	300	..	Katami	2	*Nil.*		300	
.	Sargari	1	200	..	Sargari	1	*Nil.*	.	200	
..	Sulgi	2	200	..	Sulgi	2	9 6		190 4	
..	Deosara	3	200	..	Deosara	3	20	...	180	
..	.....	4	200	..		4	21	...	179	
..	Gabighat	1	200	..	Gabighat	1	2		198	
..	Tingipur	2	200	..	Tingipur	2			200	
..	Sariha	3	300	..	Sariha	3	16		184	
Tora Range										
1893 94	Ramchanda	1	200	1893-94	Ramchanda	1	5·4	.	194·6	
..	Kanai	2	300	..	Kanai	2	*Nil*		300	

Appendix

PROVISIONS OF WORKING-PLAN.						RESULT OF OPERATION.						COMPARISON.	
												Excess.	Deficit
Year or period in which operations are to be carried out.	Block or Forest to be worked.	Compartments to be worked.	Nature of felling to be made.	Kinds of trees to be felled.	Number of trees or volume of wood to be felled during year or period.	Year of working.	Block or Forest worked.	Compartments worked.	Nature of felling made.	Kinds of trees felled.	Number of trees or volume of wood felled.	Number of trees or volume of wood felled.	Number of trees or volume of wood felled.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
		Nos.						Nos.					
												KUJATTI PANTORA RANGE.—	
1893-94 ...	Amakhola ...	8	Improvement by selection.	All classes.	Not laid down.	1893-94.	Amakhola ...	8	As proposed.	All kinds.	1,866 poles, 446 tons of fuel ...	...	...
,,	Kattra ...	4				,,	Kattra ...	4	Do.	Do.	689 poles, 655 tons of fuel ...	...	...
,,	Chatta ...	5				,,	Chatta ...	5	Do.	Do.	2,183 poles, 453 tons of fuel ...	...	...
												SONAKHAN	
,,	...	2				,,	.....	2	None ...	...	.....	...	...
,,	...	3				,,	.....	3	Do. ...	...	.....	...	...
												CHANDA	
						1893-94.	Chopan ...	1	Coppice felling.	Various species, chiefly Khair.	...	...	...
												CHHIN	DWARA
893-94 ...	Sardones No. IV.	...	Coppice with stores.	Deformed and inferior species.	All on the area except an average of 60 trees per acre, i. e., 5,665 cft.	1892-93	Sardones Block No. IV.	1	Coppice with stores.	Deformed and all other inferior species.	263 poles, 109 tons of fuel ...	...	...
												NAGP	UR-WA
													RDHA
													Nil.
													RAIPUR
													BALOD
1893-94...	Sanjari ...	1	Improvement.	Teak, bija, saj, hurra, tendu, mohwa, sehar, karra, sena, sola, dhaora, tinsa, sehna, bhirha, salai, kalmi, kohwa, kosum, khair, dhamin, babera, pakha, khamar, ghotia and other miscellaneous kinds.	...	1893-94.	Sanjari ...	1	Improvement.	Teak, bija, saj, hurra, tendu, mohwa, sehar, karra, sena, sola, dhaora, tinsa, sehna, bhirha, salai, kalmi, kohwa, kosum, khair, dhamin, babera, pakha, khamar, ghotia and other miscellaneous kinds.	30,400 poles, 517 tons of fuel...	...	...
,,	Mulla ...	1	Do. ...		...	,,	Mulla ...	1	Do. ...		26,700 poles, 328 tons of fuel...	...	...
,,	Nara ...	1	Do. ...		...	,,	Nara ...	1	Do. ...		18,300 poles, 544 tons of fuel...	...	...
,,	Nahuda ...	1	Do. ...		...	,,	Nahuda ...	1	Do. ...		15,210 poles, 351 tons of fuel...	...	...
												DHAMTARI	
,,	Sankra ...	1	Do. ...		...	,,	Sankra ...	1	Do. ...		poles, 105 tons of fuel ...	...	...
,,	Birjhuli ...	1	Do. ...		...	,,	Birjhuli ...	1	Do. ...		3,915 poles, 70 tons of fuel ...	...	...
,,	Themli ...	1	Do. ...		...	,,	Themli ...	1	Do. ...		8,211 poles, 107 tons of fuel ...	...	...
,,	Barbhanda ...	1	Do. ...		...	,,	Barbhanda ...	1	Do. ...		2,127 poles, 307 tons of fuel ...	...	...
,,	Madwapathra...	1	Do. ...		...	,,	Madwapathra ...	1	Do. ...		11,760 poles, 546 tons of fuel..	...	...
,,	Bheja ...	1	Do. ...		...	,,	Bheja ...	1	Do. ...		14,399 poles, 981 tons of fuel...	...	...
												SIRPUR-K	ALLAHI
,,	Pasid ...	1	Do. ...		...	,,	Pasid ...	1	Do. ...		21,430 poles, 350 tons of fuel...	..	...
,,	Khori ...	1	Do. ...		...	,,	Khori ...	1	Do. ...		31,233 poles, 556 tons of fuel...	...	...
,,	Tamora ...	1	Do. ...		...	,,	Tamora ...	1	Do. ...		37,296 poles, 302 tons of fuel...	...	...
												LOWR	
,,	Barikel ...	1	Do. ...		...	1893-94.	Barikel ...	1	Do. ...		23,643 poles, 293 tons of fuel...	...	...
,,	Baphra ...	1	Do. ...		...	,,	Baphra ...	1	Do. ...		8,765 poles, 205 tons of fuel ...	...	...
,,	Murum ...	1	Do. ...		...	,,	Murum ...	1	Do. ...		5,439 poles, 175 tons of fuel ...	...	...
												SAMB	ALPUR
													Nil.
													SKONI
													Nil.
													ABST
													Poles=No.
													Fuel=Tons

D.—(*Concld.*)

AREA CHECK.										
Year or period in which operations are prescribed.	Maximum area to be worked during year or period.			Year of working.	Area actually worked during year or period.			Excess.	Deficit.	Remarks.
	Block or Forest.	Compartments.	Area.		Block or Forest.	Compartments.	Area.			
15	16	17	18	19	20	21	22	23	24	25
(Contd.)		Nos.	Acres.			Nos.	Acres.	Acres.	Acres.	
1893-94...	Amakhola ...	3	300	1893-94...	Amakhola ...	3	59·4	...	240·6	
,,	Kattra ...	4	300	,,	Kattra ...	4	137·6	...	162·4	
,,	Chatta ...	5	300	,,	Chatta ...	5	35	...	265	
RANGE.										
1893-94...	.....	2	400	,,	.....	2	...	...	400	
,,	.....	3	400	,,	.....	3	...	...	400	
DIVISION.										
1893-94...	...	...	66 Estimated area of one year's coupe is about 400 acres.							
DIVISION.										
1893-94...	Sardonee Block No. IV.	1	150	1893-94...	Sardonee Block No. IV ...	1	15	...	135	This was the only felling undertaken, and as sale for the produce could not be obtained nor labour, the work was stopped.
DIVISION.										
DIVISION.										
RANGE.										
1893-94...	Sanjari ...	1	338	1893-94...	Sanjari ...	1	338	...	...	
,,	Mulla ...	1	360	,,	Mulla ...	1	275	...	85	
,,	Nara ...	1	273	,,	Nara ...	1	215	...	58	
,,	Nahuda ...	1	173	,,	Nahuda ...	1	178	5	...	
RANGE.										
1893-94...	Sankra ...	1	226	,,	Sankra ...	1	92	...	134	* Information not available.
,,	Birjhuli ...	1	302	,,	Birjhuli ...	1	95	...	207	
,,	Themli ...	1	27	,,	Themli ...	1	217	...	...	
,,	Barbhanda ...	1	316	,,	Barbhanda ...	1	133	...	183	
,,	Madwapathra ...	1	243	,,	Madwapathra ...	1	243	...	...	
,,	Bheja ...	1	243	,,	Bheja ...	1	243	...	...	
RANGE.										
1893-94...	Pasid ...	1	344	,,	Pasid ...	1	344	...	...	
,,	Khori ...	1	320	,,	Khori ...	1	315	...	5	
,,	Tamora ...	1	177	,,	Tamora ...	1	179	2	...	
RANGE.										
1893-94...	Barikel ...	1	300	,,	Barikel ...	1	207	...	93	
,,	Baphra ...	1	407	,,	Baphra ...	1	161	...	246	
,,	Murum ...	1	341	,,	Murum ...	1	130	...	211	
DIVISION.										
DIVISION.										
RACT.										
309,467										
27,559 1/2										

Appendix E.

Division.	Officers.	From	To
Balaghat ...	Mr. Ramchander Krishna, Extra-Assistant Conservator.	1st July 1893 ...	14th February 1894.
Do. ...	Mr. F. O. Lemarchand, Deputy Conservator.	15th February 1894 ...	30th June 1894.
Bhandara ...	Mr. N. C. McLeod, Extra-Assistant Conservator.	1st July 1893 ...	Ditto.
Bilaspur ...	Mr. A. W. Blunt, Officiating Deputy Conservator. ...	Ditto ...	8th August 1893.
Do. ...	Deputy Commissioner ...	9th August 1893 ...	20th August 1893.
Do. ...	Mr. H. Moore, Deputy Conservator...	21st August 1893 ...	9th November 1893.
Do. ...	Mr. A. W. Blunt, Officiating Deputy Conservator.	10th November 1893 ..	30th June 1894.
Chanda ...	Mr. A. E. Lowrie, Officiating Deputy Conservator.	1st July 1893 ...	Ditto.
Chhindwara ...	Mr. H. S. Ker Edie, Assistant Conservator.	Ditto ..	14th December 1893.
Do. ...	Colonel J. C. Doveton, Conservator of Forests.	15th December 1893 ...	26th December 1893.
Do. ...	Mr. P. H. Clutterbuck, Assistant Conservator.	27th December 1893 ..	4th March 1894.
Do. ...	Deputy Commissioner ...	5th March 1894 ...	20th March 1894.
Do. ...	Mr. W. G. Gilmore, Forest Ranger...	21st March 1894 ...	30th June 1894.
Nagpur-Wardha ...	Mr. Chander Kumar Chhatterjee, Extra-Assistant Conservator.	1st July 1893 ...	24th October 1893.
Do. ...	Dr. E. Dobbs, Deputy Conservator	25th October 1893 ..	30th June 1894.
Raipur ...	Khan Sahib Mahomed Ghouse, Extra-Assistant Conservator. ...	1st July 1893 ...	Ditto.
Sambalpur ...	Mr. J. J. Hobday, Extra-Assistant Conservator.	Ditto ...	Ditto.
Seoni ...	Mr. H. A. Hoghton, Deputy Conservator.	Ditto ...	11th November 1893.
Do. ...	Deputy Commissioner ...	12th November 1893 ...	26th November 1893.
Do. ...	Mr. H. A. Hoghton, Deputy Conservator.	27th November 1893 ...	8th June 1894.
Do. ...	Deputy Commissioner ...	9th June 1894 ...	14th June 1894.
Do. ...	Mr. L. A. W. Rind, Deputy Conservator.	15th June 1894 ...	30th June 1894.

APPENDICES.

NORTHERN CIRCLE, CENTRAL PROVINCES.

Appendix A.

List of Regular Working-Plans compiled in accordance with the provisions of Section 87 of the Forest Department Code, 4th Edition.

Division.	Title of Working-Plan Report.	Working-Circle.	Area.	Nature of fellings.
Mandla ...	Working-Plan Report of the circles in the Guari Sub-Range, Mandla District, 1894 ...	Babeha	2,532	Coppice with standards.
		Salepani	1,932	Do. do.
		Bijapathar	1,704	Do. do.
		Majhgaon	882	Do. do.
		Barbaspur	525	Do. do.
		Chapri	2,760	Do. do.
		Dongaria	1,674	Do. do.
		Mokas	3,425	Do. do.
		Pandri Tarrai	1,465	Do. do.
		Lakhanpur	2,026	Do. do.
		Mariadihi	1,797	Do. do.
		Bijadhari	1,490	Do. do.
		Barboti	1,474	Do. do.
		Total ...	23,686	
Jubbulpore ...	Working-Plan Report of the circles in the Murwara Range, Jubbulpore District ...	Lakhapateri ...	14,954	Coppice with standards.
		Majhgawan	9,263	Do. do.
		Bhainswahi	4,881	Do. do.
		Karondi	5,047	Light improvement fellings.
	Working-Plan Report of the Lower Gour Forests	Lower Gour	5,266	Coppice with standards.
	Working-Plan Report of the Sonepur Forests.	Sukree	4,560	Do. do.
		Pondi	3,424	Do. do.
		Touri	2,911	Coppice with standards with improvement fellings.
		Baghraji	5,760	Do. do. do. do.
		Total ...	56,066	
Damoh ...	Working-Plan Report of the Mogra Forests ...	Mogra	7,147	Light Improvement and coppice with standards.
	Do. do. Balakote ...	Balakote	7,900	Improvement and coppice with standards.
	Do. do. Somekhera ...	Somekhera	8,508	Improvement fellings.
	Do. do. Jamoonia ...	Jamoonia	14,105	Improvement and coppice with standards.
	Do. do. Punda ...	Punda	5,810	Do. do. do.
	Do. do. Rajnagar ...	Rajnagar	14,007	Do. do. do.
		Total ...	57,522	

Saugor ...	Working-Plan Report of the Hathko Reserve.	Hathko	18,696	Improvement fellings.
	Do. do. Rangir do.	Rangir	9,903	Do. do.
	Do. do. Garhakota do.	Garhakota	2,899	Do. do.
	Do. do. Tigora do.	Tigora	559	Do. do.
	Working-Plan Report of the circles in the Rehli Range	Alechand	4,780	Coppice with standards with improvement fellings.
		Mehudra	1,168	Do. do.
		Cheola Ramgarh	1,638	Do. do.
		Boma	4,406	Do. do.
		Joona	6,520	Do. do.
		Bharhra	2,462	Do. do.
		Gorjhama	3,838	Do. do.
		Total ...	56,869	
Hoshangabad ...	Working-Plan Report of the Burimai Plateau Forests	Pipalghota	15,556	Improvement fellings.
		Burimai	10,861	Do. do.
		Barasal	19,890	Do. do.
	Working-Plan Report of the Nilgarh Hill Forests	Nilgarh	16,893	Do. do.
	Working-Plan Report of Dori Chowrasideo Working-Circle	Dori Chowrasideo	19,068	Do. do.
	Working-Plan Report of the Lokartalai Forests.	Lokhartalai	27,568	Do. do.
	Working-Plan Report of the Rajaborari Forests	1 Rajaborari	24,270	Do. do.
		2 Do.	30,750	Do. do.
		Total ...	164,856	
Narsinghpur ...	Working-Plan Report of the Chowgan Forests.	Kirakota	10,362	
		Bhilwadhana	10,778	
	Do. do. Salechowka Forests.	Jamgaon	4,863	
		Nandkote	13,067	
	Do. do. Bachai Forests ...	Datadongri	3,899	
		Danjidhana	14,850	
		Gorchaper	10,059	
		Sura	15,092	
		Total ...	82,970	
Betul ...	Working-Plan Report of the circles in the Bhowergarh Range.	Dhar	300	Coppice with standards.
		Jhapri	600	Do. do.
		Dhanwar	600	Do. do.
		Bharjorpur	300	Do. do.

Appendix A.—(*Concld.*)

Division.	Title of Working-Plan Report.	Working-Circle.	Area.	Nature of fellings.
Betul.—(*Concld.*) ...	Working-Plan Report of the circles in the Bhowergarh Range.—(*Concld.*) ...	Tara	600	Coppice with standards.
		Rampur	600	Do. do.
		Eastern Circle	59,294	Improvement fellings.
		Western Do.	28,672	Do. do.
		Mendha Do.	14,198	Do. do.
		Total ...	105,164	
Nimar ...	Working-Plan Report of the Beria Working-Circle	Beria	5,440	Coppice with standards.
	Do. do. Umraoti Working-Circle	Umraoti	5,879	Light improvement fellings.
	Do. do. Ajnal-Dehgaon Working-Circles	Ajnal	1,237	
		Dehgaon	896	
	Do. do. Palri Working-Circle	Palri	7,680	
	Do. do. Asirgarh Working-Circle	Asirgarh	16,871	
	Do. do. Audhli-Kharda Working-Circle	Audhli Kharda	1,640	
	Do. do. North and South Purni Dohad Working-Circles ...	North Purni Dohad... ...	1,626	
		South „ „	1,664	
	Do. do. Bainpura Gunjari Working-Circles	Bainpura	420	
		Gunjari	2,586	
	Do. do. Kanapur Susarda Working-Circles	Kanapur	7,680	Coppice with standards.
		Susarda	853	Do. do.
	Do. do. Kamalia Working-Circles	Kamalia	9,370	Do. do.
	Do. do. Kirgaon Working-Circles	Kirgaon	10,240	Do. do.
	Do. do. Rusa Working-Circles	Rusa	1,920	
		Total ...	76,002	
		GRAND TOTAL ..	623,135	